

Fats and Oils— Oilseed Crashings

JANUARY 1988

U.S. Department of Commerce
BUREAU OF THE CENSUS

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The statistics in this publication are based on a survey of all known crushers of oilseeds and represent total U.S. production of oilseed extraction. Estimates are included for

companies whose reports were not received in time for tabulation. A description of the survey methodology and related information appears on page 9.

Table 1A. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION, SEASONALLY ADJUSTED: 1986 TO 1988

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
1988			
January.....	1,055.3	85.2	116.6
1987			
December.....	1,052.4	93.2	114.7
November.....	1,074.9	93.5	115.6
October.....	1,025.4	79.0	115.6
September.....	1,002.7	86.1	122.8
August.....	989.2	38.2	108.1
July.....	1,115.2	43.2	120.6
June.....	1,085.1	69.4	117.7
May.....	1,064.2	65.5	115.6
April.....	1,095.3	69.5	109.7
March.....	1,126.5	65.3	115.2
February.....	1,171.1	69.8	111.3
January.....	1,051.1	68.9	105.3
1986			
December.....	969.0	68.6	121.3
November.....	1,032.2	63.4	128.4
October.....	1,061.2	64.1	129.5
September.....	1,020.4	100.9	102.6
August.....	986.8	82.5	116.6
July.....	1,008.3	60.6	105.1
June.....	990.9	73.2	105.0
May.....	963.9	78.1	113.5
April.....	1,000.4	94.6	109.5
March.....	984.5	90.2	96.7
February.....	929.2	91.2	107.9
January.....	963.7	90.4	75.3

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Robert Reinard, (301) 763-4476.

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Table 1B. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION,
NOT SEASONALLY ADJUSTED: 1986 TO 1988

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
1988			
January.....	1,165.0	130.9	107.0
1987			
December.....	1,208.1	124.8	110.6
November.....	1,207.1	118.2	115.9
October.....	1,119.7	84.0	121.5
September.....	881.4	46.9	119.5
August.....	891.3	22.6	114.7
July.....	1,013.7	25.4	123.0
June.....	980.9	43.5	117.5
May.....	1,037.6	55.6	123.8
April.....	1,047.1	70.6	111.2
March.....	1,149.0	83.3	119.3
February.....	1,109.6	90.3	102.2
January.....	1,185.6	103.7	100.1
1986			
December.....	1,152.2	91.4	114.0
November.....	1,171.5	83.5	120.2
October.....	1,163.1	64.5	134.6
September.....	886.7	54.5	104.1
August.....	875.3	48.0	119.9
July.....	909.5	37.8	108.6
June.....	881.9	50.1	106.3
May.....	953.3	69.6	118.4
April.....	935.4	93.7	109.8
March.....	1,006.2	112.5	102.5
February.....	894.8	115.5	97.9
January.....	1,085.8	136.4	72.8

Table 2. NET RECEIPTS, CRUSHINGS, AND STOCKS OF RAW MATERIALS AT OIL MILLS

(Short tons)

Product code	Product description	January 1988			December 1987	
		Net receipts at mills	Crushed or used	Oil mill stocks, end of month	Crushed or used	Oil mill stocks, end of month
00116 11	Soybeans.....	2,993,550	3,176,968	4,166,968	3,323,664	4,350,336
00131 01	Cottonseed ¹	371,622	373,391	2,250,152	363,172	2,251,921
00119 11	Flaxseed.....	(D)	(D)	(D)	(D)	(D)
00139 23	Peanuts.....	19,502	17,257	6,939	17,279	4,694
00119 22	Sunflower.....	(D)	87,765	(D)	115,584	(D)
00119 33	Safflower.....	(D)	(D)	(D)	(D)	40,509
00000 00	Other major oil bearing materials ²	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

¹Revised by 5 percent or more from previously published figures.

¹Actual cottonseed received at the mill location: January 1988, 286,443; December 1987, 608,388.

²Other major oils consist of tung and castor (no. 1 and no. 2).

Table 3. PRODUCTION, SHIPMENTS AND TRANSFERS, AND STOCKS OF PRIMARY PRODUCTS AT CRUDE OIL MILL LOCATIONS

Product code	Product description	Unit of measure	January 1988		December 1987		Shipments and transfers
			Production	Stocks, end of month	Production	Stocks, end of month	
	Soybeans:						
20751 11	Crude oil.....	M. lbs.....	1,164,982	1,373,342	1,208,093	1,176,226	967,866
20752 11	Cake and meal.....	S. tons....	2,408,068	341,735	2,527,042	255,020	2,321,353
20752 13	For animal feed.....	S. tons....	2,389,058	(X)	2,507,557	(X)	(X)
20752 15	For edible protein products.....	S. tons....	19,010	(X)	19,485	(X)	(X)
20752 61	Millfeed (hull meal).....	..do.....	118,518	46,974	122,293	41,198	112,742
20751 42	Lecithin.....	S. tons....	6,205	(X)	5,187	(X)	(X)
	Cottonseed:						
20741 11	Crude oil.....	M. lbs.....	130,925	46,325	124,801	36,261	120,861
20744 11	Cake and meal.....	S. tons....	169,376	53,158	169,271	35,642	151,860
20744 51	Hulls.....	..do.....	91,954	63,424	97,245	45,518	74,048
	Linters: ¹						
	Gross weight.....	M. lbs.....	56,698	39,656	56,288	38,728	55,770
	Equivalent running bales.....	Number....	89,829	63,045	89,192	61,530	88,314
20743 13	First cut:						
	Gross weight.....	M. lbs.....	16,220	19,855	16,476	17,872	14,237
	Equivalent running bales.....	Number....	25,911	31,717	26,319	28,550	22,744
20743 15	Second cut:						
	Gross weight.....	M. lbs.....	38,072	16,662	37,243	18,103	39,513
	Equivalent running bales.....	Number....	60,050	26,281	58,743	28,554	62,323
20743 17	Mill run:						
	Gross weight.....	M. lbs.....	2,406	3,139	2,569	2,753	2,020
	Equivalent running bales.....	Number....	3,868	5,047	4,130	4,426	3,247
	Linseed:						
20761 11	Crude oil.....	M. lbs.....	(D)	20,188	(D)	15,542	(D)
20763 11	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Peanut:						
20762 52	Crude oil.....	M. lbs.....	13,795	6,847	13,143	8,404	15,352
20763 51	Cake and meal.....	S. tons....	10,218	(D)	10,632	3,263	(D)
	Sunflower:						
20762 35	Crude oil.....	M. lbs.....	71,348	(D)	96,538	(D)	(D)
20763 64	Cake and meal.....	S. tons....	41,829	3,359	52,795	(D)	(D)
	Corn:						
20460 61	Crude oil.....	M. lbs.....	107,028	18,684	110,619	14,982	103,326
	Safflower:						
20762 99	Crude oil.....	M. lbs.....	(D)	(D)	(D)	27,894	(D)
20763 99	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Other:						
20762 99	Crude oil.....	M. lbs.....	-	-	-	-	-
20763 99	Cake and meal.....	S. tons....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. ^rRevised by 5 percent or more from previously published figure. (X) Not applicable.

¹Data reported in gross weight and converted to running bales using the following factors: 1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.

Table 4. TOTAL SOYBEAN OIL FACTORY AND WAREHOUSE STOCKS

(Thousands of pounds)

Product code	Product description	January 1988	December 1987
	Soybean oil:		
	Stocks, end of month.....	2,398,892	2,050,461
20751 11	Crude.....	2,092,325	1,749,627
20751 21	Refined.....	306,567	300,834

Table 5. PRODUCTION AND END OF MONTH STOCKS OF COTTONSEED LINTERS AT OIL MILL LOCATIONS, BY TYPE OF CUT AND GEOGRAPHIC AREA

(Data reported in gross weight and converted to running bales using the following factors:
1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.)

Product code	Geographic area	January 1988		December 1987	
		Production	Stocks, end of month	Production	Stocks, end of month
20743 13	United States.....	89,829	63,045	89,192	61,530
20743 15	First cut.....	25,911	31,717	26,319	28,550
20743 15	Second cut.....	60,050	26,281	58,743	28,554
20743 17	Mill run.....	3,868	5,047	4,130	4,426
	Pacific and Mountain States.....	11,883	20,359	12,115	22,292
20743 13	First cut.....	(D)	(D)	(D)	(D)
20743 15	Second cut.....	9,003	9,921	8,460	13,121
20743 17	Mill run.....	(D)	(D)	(D)	(D)
	All other States.....	77,946	42,686	77,077	39,238
20743 13	First cut.....	(D)	(D)	(D)	(D)
20743 15	Second cut.....	51,047	16,360	50,283	15,433
20743 17	Mill run.....	(D)	(D)	(D)	(D)

(D) Data withheld to avoid disclosing figures for individual companies.

Table 6. CRUSHINGS AND STOCKS OF COTTONSEED AT OIL MILLS, BY STATE

(Short tons)

State	January 1988		December 1987	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	373,391	2,250,152	363,172	2,251,921
Arkansas.....	27,878	191,084	24,100	251,514
Pacific and Mountain States.....	69,748	543,333	60,061	548,381
Mississippi.....	50,070	347,302	47,978	386,276
Texas.....	157,271	939,768	158,647	811,785
All other States.....	68,424	228,665	72,386	253,965

Note: Detail may not add to totals due to independent rounding.

Table 7. PRODUCTION AND STOCKS OF COTTONSEED PRODUCTS AT OIL MILL LOCATIONS, BY STATE

State	Crude oil (thousands of pounds)	Cake and meal (short tons)	Hulls (short tons)	Linters ¹ (equivalent bales) ²
JANUARY 1988				
Production:				
United States.....	130,925	169,376	91,954	89,829
Arkansas.....	8,973	12,804	6,810	8,136
Pacific and Mountain States.....	25,343	32,645	16,248	11,883
Mississippi.....	15,823	21,986	11,384	14,052
Texas.....	53,171	70,979	40,967	36,823
All other States.....	27,615	30,962	16,545	18,935
Stocks at oil mill locations, end of month:				
United States.....	46,325	53,158	63,424	63,045
Arkansas.....	(D)	(D)	2,681	2,459
Pacific and Mountain States.....	(D)	22,226	30,520	20,359
Mississippi.....	(D)	(D)	3,414	6,794
Texas.....	12,813	14,242	16,031	25,981
All other States.....	5,201	10,490	10,778	7,452
DECEMBER 1987				
Production:				
United States.....	124,801	169,271	97,245	89,192
Arkansas.....	7,936	10,902	6,042	7,234
Pacific and Mountain States.....	21,142	29,062	14,181	12,115
Mississippi.....	14,795	24,455	13,263	13,957
Texas.....	53,188	71,688	46,206	36,788
All other States.....	27,740	33,164	17,553	19,098
Stocks at oil mill locations, end of month:				
United States.....	36,261	35,642	45,518	61,530
Arkansas.....	(D)	(D)	1,376	1,469
Pacific and Mountain States.....	(D)	14,065	21,588	22,292
Mississippi.....	(D)	(D)	2,643	5,772
Texas.....	9,047	11,628	10,698	24,263
All other States.....	6,353	6,169	9,213	7,734

(D) Data withheld to avoid disclosing figures for individual companies. ^rRevised by 5 percent or more from previously published figures.

¹See table 3 for production and stocks by type of cut.

²Data reported in gross weight and converted to running bales using the following factors: 1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.

Table 8. CRUSHINGS AND STOCKS OF SOYBEANS AT OIL MILLS, BY STATE

(Short tons)

State	January 1988		December 1987	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	3,176,968	4,166,968	3,323,664	4,350,386
Arkansas.....	129,988	331,642	123,363	357,839
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	629,401	878,662	678,522	866,966
Indiana.....	215,121	257,142	218,944	252,495
Iowa.....	521,063	409,809	550,910	414,076
Kansas.....	(D)	218,379	(D)	(D)
Minnesota.....	221,504	96,219	216,089	158,518
Missouri.....	185,432	150,107	196,552	194,113
Ohio.....	204,589	(D)	208,519	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	794,704	1,279,791	853,644	1,438,632

(D) Data withheld to avoid disclosing figures for individual companies.

Table 9. PRODUCTION AND STOCKS OF SOYBEAN PRODUCTS AT OIL MILL LOCATIONS, BY STATES

(Crude oil in thousand pounds; cake and meal in short tons)

State	January 1988		December 1987	
	Crude oil	Cake and meal total ¹	Crude oil	Cake and meal total ¹
Production:				
United States.....	1,164,982	2,532,791	1,208,093	2,654,522
Arkansas.....	45,094	104,055	42,483	99,076
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	235,915	497,812	253,297	544,687
Indiana.....	78,502	169,898	80,466	172,491
Iowa.....	194,224	413,475	203,877	435,333
Kansas.....	(D)	(D)	(D)	(D)
Minnesota.....	82,991	176,308	78,636	173,666
Missouri.....	69,787	147,214	73,124	156,623
Ohio.....	72,440	162,468	75,362	165,563
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	283,988	641,485	300,788	686,201
Stocks at oil mill locations, end of month:				
United States.....	1,373,342	388,709	1,176,226	296,218
Arkansas.....	13,642	17,299	15,965	8,505
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	329,685	75,957	308,202	86,736
Indiana.....	(D)	(D)	(D)	(D)
Iowa.....	(D)	43,903	(D)	26,017
Kansas.....	(D)	(D)	(D)	(D)
Minnesota.....	148,809	26,904	124,884	18,657
Missouri.....	60,020	(D)	(D)	(D)
Ohio.....	27,852	(D)	28,349	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	236,415	117,278	103,679	96,616

(D) Data withheld to avoid disclosing figures for individual companies.

¹Includes millfeed and lecithin.

Table 10. PRODUCTION, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF SELECTED OILS: DECEMBER 1987

(Quantity in millions of pounds)

Product code	Product description	Manufacturers' production	Export of domestic merchandise ¹	Percent exports to manufacturers' production	Imports for consumption ²	Apparent consumption ³
20751 11	Soybean - crude oil.....	1,208.1	111.4	9.2	-	1,096.7
20741 11	Cottonseed - crude oil..	124.8	2.4	1.9	-	122.4

Note: For comparison of Standard Industrial Classification codes, Schedule B export numbers, and TSUSA import numbers, see table 11.

- Represents zero.

¹Source: Bureau of the Census Report EM 546, U.S. Exports, Commodity by Country.

²Source: Bureau of the Census Report IM 146, U.S. Imports for Consumption.

³Apparent consumption is equal to domestic production, plus imports, minus exports.

Table 11. COMPARISON OF STANDARD INDUSTRIAL CLASSIFICATION CODES, SCHEDULE B EXPORT NUMBERS, AND TSUSA IMPORT NUMBERS

Domestic output	Export numbers	Import numbers
20751 11	176.5220	176.5200
20741 11	176.1820	176.1800

DESCRIPTION OF SURVEY

Scope of Survey . This survey covers all plants in the United States that crush vegetable oil-bearing materials (oilseeds, beans, nuts, etc.). Only primary processors are included in this survey. Plants that only refine or further process crude vegetable oils are excluded.

Survey Methodology . The data shown in this publication were collected by mail on Bureau of the Census monthly Form M20J, Oilseeds, Beans, and Nuts (Primary Processors), from a panel of about 210 establishments. Approximately 200 of these establishments are included in the monthly mail panel. An additional 10 small crushers report data annually. Monthly data for these small crushers are estimated based on their annual reports and trends reported by those in the monthly panel.

Survey Error . Figures for the current month may include estimates for panel members for which reports were not received in time for tabulation. Such missing figures are "imputed" based on month-to-month movements shown by reporting firms. Imputation generally is limited to a maximum of 5 percent for any one data cell. Figures with imputation rates greater than 5 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The range of difference between the actual and imputed figures is not precisely known, but is assumed to be small. The degree of uncertainty regarding the accuracy of the published data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

Revisions to Previous Period Data . Statistics for previous months may be revised as the result of corrected data from respondents, including the receipt of late reports for which imputations were made as described above. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

Reporting Period Adjustment . The data are adjusted for the number of working days in the reporting period to compensate for differences in individual company reporting patterns, i.e., calendar month, 4-week, 5-week periods. Since the calendar month accounting system prevails in this industry, adjustments have been made to those reporting on other than a calendar month basis.

Seasonal Adjustment . This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II Seasonal Adjustment Program. This seasonal adjustment program is

a ratio-to-moving average method. The seasonal adjustment program largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal patterns than do the unadjusted (original) data.

EXPLANATION OF TERMS

Net Receipts at Mills (Current Month). Figures under this heading are derived by subtracting stocks held at the end of the previous month from the sum of materials crushed during the current month and stocks held at the end of the current month.

Shipments and Transfers (Current Month). Figures under this heading are derived by subtracting stocks held at the end of the current month from the sum of stocks held at the end of the previous month and production during the current month.

Linters. The fuzz or short fibers that adhere to cottonseed after ginning.

Hulls. The outer covering of cottonseeds or soybeans.

Cake and Meal. The residue left after the oil is extracted from a seed, nut, or kernel.

Crude Vegetable Oils. Oil until it has been processed by an alkali or caustic wash or by some equivalent operation.

Lecithin. A mixed phosphatide product obtained from soybean oil in the degumming process.

COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Also, there are a substantial number of imported commodities which have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to the problems mentioned above, there are also the following problems affecting the comparability of the three sets of data.

Valuation . There are different methods of valuation for the three types of data:

- **Domestic Output.** Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.
- **Exports.** Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.
Estimated producers' values of exports have also been developed. These values more closely approximate the values reported for domestic output because they exclude freight, insurance, and other charges applied from the producing plant to the export point.
- **Imports.** Valued at the first port of entry in the United States. It includes c.i.f. (cost, insurance, and freight), duty, and other charges to the import point.

Duplication in Quantity and Value of Output . Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

Low-Value Export and Import Transactions . Detailed commodity information is not included for individual export shipments valued at not more than \$1,500. Generally, detailed commodity information is not included for individual import shipments valued at not more than \$1,000. For textiles and textile products, gloves, footwear, and miscellaneous rubber and plastics products, detailed commodity information is not included for individual import shipments valued at not more than \$250. This is believed to have only negligible effects on the statistics for the bulk of the commodities.

Manufacturers' Shipments, Not Specified by Kind . The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

Time Lag Between Output and Exports . There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

"Direct" vs "Total" Commodity Exports and Imports .

Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct

exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

Used Commodities . With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

Geographic Area of Coverage . Import and export data reflect the movement of merchandise into and out of U.S. foreign trade zones, the U.S. Virgin Islands, and the U.S. customs territory (includes the 50 states, the District of Columbia, and Puerto Rico).

RELATED REPORTS

An annual crop year Current Industrial Report also is published in this series. The annual report summarizes monthly figures and incorporates known revisions in the series for both the current and previous year. It also provides a single reference copy to replace the monthly publications.

The Bureau of the Census also publishes the following related reports:

Series	Frequency	Title
<i>Current Industrial Reports</i>		
M20K	Monthly	<i>Fats and Oils (Production, Consumption, and Stocks)</i>
<i>Other Industry Statistics</i>		
M3-1	Monthly	<i>Manufacturers' Shipments, Inventories, and Orders</i>
(AS)	Annually	<i>Annual Survey of Manufactures (ASM)</i>
(MC)	Quinquennially	<i>Census of Manufactures</i>
<i>Foreign Trade Reports</i>		
EM 546	Monthly	<i>U.S. Exports—Schedule B—Commodity by Country</i>
FT 446	Annually	
IM 146	Monthly	<i>U.S. Imports for Consumption—TSUSA—Commodity by Country</i>
FT 246	Annually	

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**Fats and Oils—
Oilseed Crashings**

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BUREAU OF THE CENSUS

The statistics in this publication are based on a survey of all known crushers of oilseeds and represent total U.S. production of oilseed extraction. Estimates are included for companies whose reports were not received in time for tabulation. A descrip-

tion of the survey methodology and related information may be found in **January 1988** report, M20J(88)-1, issued February 1988.

Table 1A. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION, SEASONALLY ADJUSTED: 1986 TO 1988

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
1988			
February.....	1,112.6	88.1	118.2
January.....	1,060.0	81.8	116.7
1987			
December.....			
November.....	1,074.9	93.5	115.6
October.....	1,025.4	79.0	115.6
September.....	1,002.7	86.1	122.8
August.....	989.2	38.2	108.1
July.....	1,115.2	43.2	120.6
June.....	1,085.1	69.4	117.7
May.....	1,064.2	65.5	115.6
April.....	1,095.3	69.5	109.7
March.....	1,126.5	65.3	115.2
February.....	1,171.1	69.8	111.3
January.....	1,051.1	68.9	105.3
1986			
December.....	969.0	68.6	121.3
November.....	1,032.2	63.4	128.4
October.....	1,061.2	64.1	129.5
September.....	1,020.4	100.9	102.6
August.....	986.8	82.5	116.6
July.....	1,008.3	60.6	105.1
June.....	990.9	73.2	105.0
May.....	963.9	78.1	113.5
April.....	1,000.4	94.6	109.5
March.....	984.5	90.2	96.7
February.....	929.2	91.2	107.9

Table 1B. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION,
NOT SEASONALLY ADJUSTED: 1986 TO 1988

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
1988			
February.....	1,091.5	116.0	110.2
January.....	1,170.2	125.7	107.1
1987			
December.....			
November.....	1,207.1	118.2	115.9
October.....	1,119.7	84.0	121.5
September.....	881.4	46.9	119.5
August.....	891.3	22.6	114.7
July.....	1,013.7	25.4	123.0
June.....	980.9	43.5	117.5
May.....	1,037.6	55.6	123.8
April.....	1,047.1	70.6	111.2
March.....	1,149.0	83.3	119.3
February.....	1,109.6	90.3	102.2
January.....	1,185.6	103.7	100.1
1986			
December.....	1,152.2	91.4	114.0
November.....	1,171.5	83.5	120.2
October.....	1,163.1	64.5	134.6
September.....	886.7	54.5	104.1
August.....	875.3	48.0	119.9
July.....	909.5	37.8	108.6
June.....	881.9	50.1	106.3
May.....	953.3	69.6	118.4
April.....	935.4	93.7	109.8
March.....	1,006.2	112.5	102.5
February.....	894.8	115.5	97.9

Table 2. NET RECEIPTS, CRUSHINGS, AND STOCKS OF RAW MATERIALS AT OIL MILLS

(Short tons)

Product code	Product description	February 1988			January 1988	
		Net receipts at mills	Crushed or used	Oil mill stocks, end of month	Crushed or used	Oil mill stocks, end of month
00116 11	Soybeans.....	2,916,045	2,993,379	4,177,590	3,202,295	4,254,924
00131 01	Cottonseed ¹	51,902	352,701	1,949,353	373,391	2,250,152
00119 11	Flaxseed.....	(D)	(D)	(D)	(D)	(D)
00139 23	Peanuts.....	18,027	18,282	6,684	17,257	6,939
00119 22	Sunflower.....	(D)	102,834	(D)	87,765	(D)
00119 33	Safflower.....	(D)	7,691	(D)	(D)	(D)
00000 00	Other major oil bearing materials ²	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

¹Revised by 5 percent or more from previously published figures.

²Actual cottonseed received at the mill location: February 1988, 142,566; January 1988, 286,513

²Other major oils consist of tung and castor (no. 1 and no. 2).

Table 3. PRODUCTION, SHIPMENTS AND TRANSFERS, AND STOCKS OF PRIMARY PRODUCTS AT CRUDE OIL MILL LOCATIONS

Product code	Product description	Unit of measure	February 1988		January 1988		Shipments and transfers
			Production	Stocks, end of month	Production	Stocks, end of month	
	Soybeans:						
20751 11	Crude oil.....	M. lbs.....	1,091,481	1,327,981	1,170,223	1,374,841	1,138,341
20752 11	Cake and meal.....	S. tons....	2,258,915	266,028	2,434,226	343,275	2,336,162
20752 13	For animal feed.....	S. tons....	2,241,246	(X)	2,415,216	(X)	(X)
20752 15	For edible protein products.....	S. tons....	17,669	(X)	19,010	(X)	(X)
20752 61	Millfeed (hull meal).....	..do.....	117,402	38,891	120,154	47,149	125,660
20751 42	Lecithin.....	S. tons....	5,562	(X)	6,205	(X)	(X)
	Cottonseed:						
20741 11	Crude oil.....	M. lbs.....	115,999	46,704	125,650	46,325	115,620
20744 11	Cake and meal.....	S. tons....	160,400	65,726	169,376	53,158	147,832
20744 51	Hulls.....	..do.....	90,097	70,473	91,955	63,424	83,048
	Linters: ¹						
	Gross weight.....	M. lbs.....	54,428	38,204	56,699	39,589	55,813
	Equivalent running bales.....	Number.....	86,240	60,791	89,831	62,937	88,386
20743 13	First cut:						
	Gross weight.....	M. lbs.....	15,564	21,909	16,220	19,855	13,510
	Equivalent running bales.....	Number.....	24,863	34,998	25,911	31,717	21,582
20743 15	Second cut:						
	Gross weight.....	M. lbs.....	36,322	13,305	38,073	16,662	39,679
	Equivalent running bales.....	Number.....	57,290	20,986	60,052	26,281	62,585
20743 17	Mill run:						
	Gross weight.....	M. lbs.....	2,542	2,990	2,406	3,072	2,624
	Equivalent running bales.....	Number.....	4,087	4,807	3,868	4,939	4,219
	Linseed:						
20761 11	Crude oil.....	M. lbs.....	(D)	11,595	(D)	18,839	(D)
20763 11	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Peanut:						
20762 52	Crude oil.....	M. lbs.....	14,699	5,500	13,795	6,820	16,019
20763 51	Cake and meal.....	S. tons....	10,920	3,580	10,218	(D)	(D)
	Sunflower:						
20762 35	Crude oil.....	M. lbs.....	87,305	(D)	71,348	(D)	(D)
20763 64	Cake and meal.....	S. tons....	48,042	(D)	41,829	3,359	(D)
	Corn:						
20460 61	Crude oil.....	M. lbs.....	110,161	20,733	107,129	18,662	108,090
	Safflower:						
20762 99	Crude oil.....	M. lbs.....	5,294	27,343	(D)	(D)	(D)
20763 99	Cake and meal.....	S. tons....	4,575	3,741	(D)	(D)	(D)
	Other:						
20762 99	Crude oil.....	M. lbs.....	-	-	-	-	-
20763 99	Cake and meal.....	S. tons....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. ^rRevised by 5 percent or more from previously published figure. (X) Not applicable.

¹Data reported in gross weight and converted to running bales using the following factors: 1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.

Table 4. TOTAL SOYBEAN OIL FACTORY AND WAREHOUSE STOCKS

(Thousands of pounds)

Product code	Product description	February 1988	January 1988
	Soybean oil:		
	Stocks, end of month.....	2,247,585	2,390,949
20751 11	Crude.....	1,959,472	2,100,629
20751 21	Refined.....	288,113	290,320

Table 5. PRODUCTION AND END OF MONTH STOCKS OF COTTONSEED LINTERS AT OIL MILL LOCATIONS, BY TYPE OF CUT AND GEOGRAPHIC AREA

(Data reported in gross weight and converted to running bales using the following factors:
1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.)

Product code	Geographic area	February 1988		January 1988	
		Production	Stocks, end of month	Production	Stocks, end of month
	United States.....	86,240	60,791	89,831	62,937
20743 13	First cut.....	24,863	34,998	25,911	31,717
20743 15	Second cut.....	57,290	20,986	60,052	26,281
20743 17	Mill run.....	4,087	4,807	3,868	4,939
	Pacific and Mountain States.....	11,029	19,589	11,885	20,359
20743 13	First cut.....	(D)	(D)	(D)	(D)
20743 15	Second cut.....	8,032	9,096	9,005	9,921
20743 17	Mill run.....	(D)	(D)	(D)	(D)
	All other States.....	75,211	41,202	77,946	42,578
20743 13	First cut.....	(D)	(D)	(D)	(D)
20743 15	Second cut.....	49,258	11,890	51,047	16,360
20743 17	Mill run.....	(D)	(D)	(D)	(D)

(D) Data withheld to avoid disclosing figures for individual companies.

Table 6. CRUSHINGS AND STOCKS OF COTTONSEED AT OIL MILLS, BY STATE

(Short tons)

State	February 1988		January 1988	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	352,701	1,949,353	373,391	2,250,152
Arkansas.....	26,064	164,617	27,878	191,084
Pacific and Mountain States.....	63,856	477,313	69,748	543,333
Mississippi.....	50,372	268,784	50,070	347,302
Texas.....	144,160	844,031	157,271	939,768
All other States.....	68,249	194,608	68,424	228,665

Note: Detail may not add to totals due to independent rounding.

Table 7. PRODUCTION AND STOCKS OF COTTONSEED PRODUCTS AT OIL MILL LOCATIONS, BY STATE

State	Crude oil (thousands of pounds)	Cake and meal (short tons)	Hulls (short tons)	Linters ¹ (equivalent bales) ²
FEBRUARY 1988				
Production:				
United States.....	115,999	160,400	90,097	86,240
Arkansas.....	8,521	12,366	6,151	7,857
Pacific and Mountain States.....	21,504	29,618	14,666	11,029
Mississippi.....	15,580	21,712	11,383	14,370
Texas.....	48,609	65,384	40,630	34,440
All other States.....	21,785	31,320	17,267	18,544
Stocks at oil mill locations, end of month:				
United States.....	46,704	65,726	70,473	60,791
Arkansas.....	(D)	(D)	3,003	1,859
Pacific and Mountain States.....	(D)	28,393	39,316	19,589
Mississippi.....	(D)	(D)	2,255	6,453
Texas.....	14,302	17,819	17,852	24,852
All other States.....	4,623	14,431	8,047	8,038
JANUARY 1988				
Production:				
United States.....	125,650	169,376	91,955	89,831
Arkansas.....	8,973	12,804	6,810	8,136
Pacific and Mountain States.....	25,344	32,645	16,249	11,885
Mississippi.....	15,823	21,986	11,384	14,052
Texas.....	53,171	70,979	40,967	36,823
All other States.....	^r 22,339	30,962	16,545	18,935
Stocks at oil mill locations, end of month:				
United States.....	46,325	53,158	63,424	62,937
Arkansas.....	(D)	(D)	2,681	2,459
Pacific and Mountain States.....	(D)	22,226	30,520	20,359
Mississippi.....	(D)	(D)	3,414	6,794
Texas.....	12,813	14,242	16,031	25,981
All other States.....	5,201	10,490	10,778	7,344

(D) Data withheld to avoid disclosing figures for individual companies.
more from previously published figures.

^rRevised by 5 percent or

¹See table 3 for production and stocks by type of cut.

²Data reported in gross weight and converted to running bales using the following factors: 1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.

Table 8. CRUSHINGS AND STOCKS OF SOYBEANS AT OIL MILLS, BY STATE

(Short tons)

State	February 1988		January 1988	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	2,993,379	4,177,590	3,202,295	4,254,924
Arkansas.....	112,167	338,936	129,988	331,642
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	617,147	785,833	629,401	878,662
Indiana.....	192,819	(D)	215,121	257,142
Iowa.....	463,889	463,245	521,063	409,809
Kansas.....	(D)	208,137	(D)	218,379
Minnesota.....	203,806	129,292	221,504	125,889
Missouri.....	171,600	153,924	185,432	150,107
Ohio.....	191,532	(D)	204,589	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	779,552	1,367,550	820,031	1,338,077

(D) Data withheld to avoid disclosing figures for individual companies.

Table 9. PRODUCTION AND STOCKS OF SOYBEAN PRODUCTS AT OIL MILL LOCATIONS, BY STATES

(Crude oil in thousand pounds; cake and meal in short tons)

State	February 1988		January 1988	
	Crude oil	Cake and meal total ¹	Crude oil	Cake and meal total ¹
Production:				
United States.....	1,091,481	2,381,879	1,170,223	2,560,585
Arkansas.....	39,658	89,810	45,094	104,055
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	228,246	488,758	232,915	497,812
Indiana.....	70,272	152,883	78,502	169,898
Iowa.....	173,295	367,018	194,224	413,475
Kansas.....	(D)	(D)	(D)	(D)
Minnesota.....	71,140	154,130	82,233	176,308
Missouri.....	65,549	137,522	69,787	147,214
Ohio.....	67,261	153,511	74,240	162,468
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	280,207	629,451	292,987	669,279
Stocks at oil mill locations, end of month:				
United States.....	1,327,981	304,919	1,374,841	390,424
Arkansas.....	6,141	8,983	13,642	17,299
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	340,620	41,384	329,685	75,957
Indiana.....	(D)	(D)	(D)	(D)
Iowa.....	(D)	36,031	(D)	43,903
Kansas.....	5,445	(D)	(D)	(D)
Minnesota.....	150,215	18,036	148,809	26,904
Missouri.....	63,478	(D)	60,020	(D)
Ohio.....	32,342	(D)	27,852	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	203,318	82,379	237,914	118,993

(D) Data withheld to avoid disclosing figures for individual companies.

¹ Includes millfeed and lecithin.

Table 10. PRODUCTION, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF SELECTED OILS: JANUARY 1988

(Quantity in millions of pounds)

Product code	Product description	Manufacturers' production	Export of domestic merchandise ¹	Percent exports to manufacturers' production	Imports for consumption ²	Apparent consumption ³
20751 11	Soybean - crude oil.....	1,170.2	12.6	1.1	-	1,157.6
20741 11	Cottonseed - crude oil..	125.7	0.2	0.2	-	125.5

Note: For comparison of Standard Industrial Classification codes, Schedule B export numbers, and TSUSA import numbers, see table 11.

- Represents zero.

¹Source: Bureau of the Census Report EM 546, U.S. Exports, Commodity by Country.

²Source: Bureau of the Census Report IM 146, U.S. Imports for Consumption.

³Apparent consumption is equal to domestic production, plus imports, minus exports.

Table 11. COMPARISON OF STANDARD INDUSTRIAL CLASSIFICATION CODES, SCHEDULE B EXPORT NUMBERS, AND TSUSA IMPORT NUMBERS

Domestic output	Export numbers	Import numbers
20751 11	176.5220	176.5200
20741 11	176.1820	176.1800



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Fats and Oils— Oilseed Crashings

OCTOBER 1988

U.S. Department of Commerce
BUREAU OF THE CENSUS

M20J(88)-10
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The statistics in this publication are based on a survey of all known crushers of oilseeds and represent total U.S. production of oilseed extraction. Estimates are included for companies whose reports were not received in time

for tabulation. A description of the survey methodology and related information may be found in January 1988 report, M20J(88)-1, issued February 1988.

Table 1A. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION, SEASONALLY ADJUSTED: 1986 TO 1988

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
1988			
October.....	959.2	92.8	117.7
September.....	1,056.6	100.4	123.1
August.....	982.8	123.0	128.5
July.....	1,088.9	196.5	129.6
June.....	1,070.2	137.1	126.7
May.....	1,117.7	122.7	115.0
April.....	1,191.1	100.0	118.4
March.....	1,124.0	88.0	109.1
February.....	1,112.9	87.9	118.2
January.....	1,060.0	81.8	116.7
1987			
December.....	1,052.4	93.2	114.7
November.....	1,074.9	93.5	115.6
October.....	1,025.4	79.0	115.6
September.....	1,002.7	86.1	122.8
August.....	989.2	38.2	108.1
July.....	1,115.2	43.2	120.6
June.....	1,085.1	69.4	117.7
May.....	1,064.2	65.5	115.6
April.....	1,095.3	69.5	109.7
March.....	1,126.5	65.3	115.2
February.....	1,171.1	69.8	111.3
January.....	1,051.1	68.9	105.3
1986			
December.....	969.0	68.6	121.3
November.....	1,032.2	63.4	128.4
October.....	1,061.2	64.1	129.5

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Beth Eldridge, (301) 763-4476.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Table 1B. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION,
NOT SEASONALLY ADJUSTED: 1986 TO 1988

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
1988			
October.....	1,047.4	98.6	123.7
September.....	901.3	56.9	124.5
August.....	878.6	72.7	132.1
July.....	994.2	91.0	131.7
June.....	996.4	91.2	125.4
May.....	1,087.5	105.8	125.6
April.....	1,132.7	104.4	117.3
March.....	1,186.9	113.2	113.4
February.....	1,091.8	115.8	110.2
January.....	1,170.2	125.7	107.1
1987			
December.....	1,208.1	124.8	110.6
November.....	1,207.1	118.2	115.9
October.....	1,119.7	84.0	121.5
September.....	881.4	46.9	119.5
August.....	891.3	22.6	114.7
July.....	1,013.7	25.4	123.0
June.....	980.9	43.5	117.5
May.....	1,037.6	55.6	123.8
April.....	1,047.1	70.6	111.2
March.....	1,149.0	83.3	119.3
February.....	1,109.6	90.3	102.2
January.....	1,185.6	103.7	100.1
1986			
December.....	1,152.2	91.4	114.0
November.....	1,171.5	83.5	120.2
October.....	1,163.1	64.5	134.6

Table 2. NET RECEIPTS, CRUSHINGS, AND STOCKS OF RAW MATERIALS AT OIL MILLS

(Short tons)

Product code	Product description	October 1988			September 1988	
		Net receipts at mills	Crushed or used	Oil mill stocks, end of month	Crushed or used	Oil mill stocks, end of month
00116 11	Soybeans.....	5,089,381	2,833,404	4,097,436	2,396,697	1,841,459
00131 01	Cottonseed ¹	1,012,301	299,296	1,320,169	179,546	607,164
00119 11	Flaxseed.....	(D)	(D)	(D)	(D)	(D)
00139 23	Peanuts.....	15,166	12,457	5,580	3,418	2,871
00119 22	Sunflower.....	(D)	67,873	(D)	32,323	7,222
00119 33	Safflower.....	(D)	(D)	(D)	25,847	(D)
00000 00	Other major oil bearing materials ²	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

¹Revised by 5 percent or more from previously published figures.

¹Actual cottonseed received at the mill location: October 1988, 773,029; September 1988, 347,993

²Other major oils consist of tung and castor (no. 1 and no. 2).

Table 3. PRODUCTION, SHIPMENTS AND TRANSFERS, AND STOCKS OF PRIMARY PRODUCTS AT CRUDE OIL MILL LOCATIONS

Product code	Product description	Unit of measure	October 1988		September 1988		Shipments and transfers
			Production	Stocks, end of month	Production	Stocks, end of month	
	Soybeans:						
20751 11	Crude oil.....	M. lbs.....	1,047,372	1,048,937	901,315	1,008,065	1,006,500
20752 11	Cake and meal.....	S. tons....	2,110,863	227,050	1,789,541	122,390	2,006,203
20752 13	For animal feed.....	S. tons....	2,093,387	(X)	1,772,119	(X)	(X)
20752 15	For edible protein products.....	S. tons....	17,476	(X)	17,422	(X)	(X)
20752 61	Millfeed (hull meal).....	..do.....	124,632	40,771	108,258	31,091	114,952
20751 42	Lecithin.....	S. tons....	4,968	(X)	2,716	(X)	(X)
	Cottonseed:						
20741 11	Crude oil.....	M. lbs.....	98,631	23,991	56,917	21,369	96,009
20744 11	Cake and meal.....	S. tons....	135,402	58,786	80,125	44,130	120,746
20744 51	Hulls.....	..do.....	76,448	34,176	47,302	39,332	81,604
	Linters:						
	Gross weight.....	M. lbs.....	53,217	35,878	29,893	26,028	43,367
	Equivalent running bales.....	Number....	84,421	57,085	47,401	41,461	68,797
20743 13	First cut:						
	Gross weight.....	M. lbs.....	12,269	15,408	7,183	12,776	9,637
	Equivalent running bales.....	Number....	19,599	24,613	11,474	20,409	15,395
20743 15	Second cut:						
	Gross weight.....	M. lbs.....	33,227	14,417	19,188	8,325	27,135
	Equivalent running bales.....	Number....	52,409	22,740	30,265	13,131	42,800
20743 17	Mill run:						
	Gross weight.....	M. lbs.....	7,721	6,053	3,522	4,927	6,595
	Equivalent running bales.....	Number....	12,413	9,732	5,662	7,921	10,602
	Linseed:						
20761 11	Crude oil.....	M. lbs.....	(D)	9,945	(D)	5,036	(D)
20763 11	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Peanut:						
20762 52	Crude oil.....	M. lbs.....	9,746	4,124	2,798	5,758	11,380
20763 51	Cake and meal.....	S. tons....	7,196	3,600	1,962	2,293	5,889
	Sunflower:						
20762 35	Crude oil.....	M. lbs.....	56,029	(D)	26,624	38,429	(D)
20763 64	Cake and meal.....	S. tons....	35,392	5,573	16,582	4,504	34,323
	Corn:						
20460 61	Crude oil.....	M. lbs.....	123,717	11,755	124,514	14,596	126,558
	Safflower:						
20762 99	Crude oil.....	M. lbs.....	(D)	(D)	19,447	32,922	5,844
20763 99	Cake and meal.....	S. tons....	(D)	(D)	15,622	(D)	(D)
	Other:						
20762 99	Crude oil.....	M. lbs.....	-	-	-	-	-
20763 99	Cake and meal.....	S. tons....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. ^rRevised by 5 percent or more from previously published figure. (X) Not applicable.

¹ Data reported in gross weight and converted to running bales using the following factors: 1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.

Table 4. TOTAL SOYBEAN OIL FACTORY AND WAREHOUSE STOCKS

(Thousands of pounds)

Product code	Product description	October 1988	September 1988
	Soybean oil:		
	Stocks, end of month.....	2,065,918	2,092,239
20751 11	Crude.....	1,791,195	1,833,923
20751 21	Refined.....	274,723	258,316

Table 5. PRODUCTION AND END OF MONTH STOCKS OF COTTONSEED LINTERS AT OIL MILL LOCATIONS, BY TYPE OF CUT AND GEOGRAPHIC AREA

(Data reported in gross weight and converted to running bales using the following factors:
1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.)

Product code	Geographic area	October 1988		September 1988	
		Production	Stocks, end of month	Production	Stocks, end of month
	United States.....	84,421	57,085	47,401	^r 41,461
20743 13	First cut.....	19,599	24,613	11,474	^r 20,409
20743 15	Second cut.....	52,409	22,740	30,265	13,131
20743 17	Mill run.....	12,413	9,732	5,662	7,921
	Pacific and Mountain States.....	9,670	30,247	-	17,474
20743 13	First cut.....	(D)	(D)	-	(D)
20743 15	Second cut.....	6,443	14,492	-	4,893
20743 17	Mill run.....	(D)	(D)	-	(D)
	All other States.....	74,751	26,838	47,401	^r 23,987
20743 13	First cut.....	(D)	(D)	11,474	(D)
20743 15	Second cut.....	45,966	8,248	30,265	8,238
20743 17	Mill run.....	(D)	(D)	5,662	(D)

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. ^rRevised by 5 percent or more from previously published figures.

Table 6. CRUSHINGS AND STOCKS OF COTTONSEED AT OIL MILLS, BY STATE

(Short tons)

State	October 1988		September 1988	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	299,296	1,320,169	179,546	^r 607,164
Arkansas.....	32,381	221,807	12,583	65,912
Pacific and Mountain States.....	(D)	207,731	(D)	(D)
Mississippi.....	(D)	367,907	(D)	(D)
Texas.....	130,098	350,316	109,335	333,501
All other States.....	60,357	172,408	25,048	27,074

Note: Detail may not add to totals due to independent rounding.

(D) Data withheld to avoid disclosing figures for individual companies. ^rRevised by 5 percent or more from previously published figures.

Table 7. PRODUCTION AND STOCKS OF COTTONSEED PRODUCTS AT OIL MILL LOCATIONS, BY STATE

State	Crude oil (thousands of pounds)	Cake and meal (short tons)	Hulls (short tons)	Linters ¹ (equivalent bales) ²
OCTOBER 1988				
Production:				
United States.....	98,631	135,402	76,448	84,421
Arkansas.....	10,365	15,261	7,518	9,432
Pacific and Mountain States.....	(D)	(D)	(D)	9,670
Mississippi.....	(D)	(D)	(D)	15,856
Texas.....	42,675	59,543	38,245	32,616
All other States.....	20,628	26,936	12,247	16,847
Stocks at oil mill locations, end of month:				
United States.....	23,991	58,786	34,176	57,085
Arkansas.....	(D)	2,048	1,875	1,611
Pacific and Mountain States.....	(D)	21,733	9,336	30,247
Mississippi.....	7,050	2,542	1,769	6,027
Texas.....	9,156	26,024	12,422	14,642
All other States.....	4,078	6,439	8,774	4,558
SEPTEMBER 1988				
Production:				
United States.....	56,917	80,125	47,302	47,401
Arkansas.....	3,743	5,777	2,899	3,680
Pacific and Mountain States.....	(D)	(D)	(D)	-
Mississippi.....	(D)	(D)	(D)	r9,049
Texas.....	35,716	48,675	31,230	27,309
All other States.....	7,831	12,206	6,558	7,363
Stocks at oil mill locations, end of month:				
United States.....	21,369	r44,130	39,332	r41,461
Arkansas.....	(D)	(D)	1,877	1,324
Pacific and Mountain States.....	(D)	16,913	(D)	17,474
Mississippi.....	6,641	(D)	(D)	r4,364
Texas.....	7,837	20,231	16,897	15,006
All other States.....	2,415	2,277	5,893	3,293

(D) Data withheld to avoid disclosing figures for individual companies. ^rRevised by 5 percent or more from previously published figures.

¹See table 3 for production and stocks by type of cut.

²Data reported in gross weight and converted to running bales using the following factors: 1st cut + 626 lbs., 2nd cut + 634 lbs., and mill run + 622 lbs.

Table 8. CRUSHINGS AND STOCKS OF SOYBEANS AT OIL MILLS, BY STATE

State	(Short tons)			
	October 1988		September 1988	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	2,833,404	4,097,436	2,396,697	1,841,459
Arkansas.....	97,708	135,506	(D)	11,285
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	554,692	1,115,783	486,469	644,578
Indiana.....	182,044	327,692	161,422	86,731
Iowa.....	471,763	552,729	409,795	340,671
Kansas.....	137,219	177,610	85,884	82,416
Minnesota.....	185,451	188,523	193,651	187,940
Missouri.....	165,746	287,213	115,152	90,857
Ohio.....	188,871	225,023	157,284	52,008
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	712,151	958,465	676,046	293,928

(D) Data withheld to avoid disclosing figures for individual companies.

Table 9. PRODUCTION AND STOCKS OF SOYBEAN PRODUCTS AT OIL MILL LOCATIONS, BY STATES

(Crude oil in thousand pounds; cake and meal in short tons)

State	October 1988		September 1988	
	Crude oil	Cake and meal total ¹	Crude oil	Cake and meal total ¹
Production:				
United States.....	1,047,372	2,240,463	901,315	1,900,515
Arkansas.....	35,073	79,069	(D)	(D)
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	205,795	440,075	184,479	387,101
Indiana.....	66,243	143,699	58,154	124,231
Iowa.....	178,644	365,730	156,083	323,260
Kansas.....	50,807	108,820	32,218	68,235
Minnesota.....	71,471	146,749	74,515	154,174
Missouri.....	61,582	132,037	43,922	91,186
Ohio.....	67,680	150,153	57,880	125,604
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	260,331	566,073	252,937	537,923
Stocks at oil mill locations, end of month:				
United States.....	1,048,937	267,821	1,008,065	153,481
Arkansas.....	13,292	16,948	16,554	(D)
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	239,372	83,700	248,066	35,524
Indiana.....	(D)	(D)	(D)	7,108
Iowa.....	(D)	24,066	98,374	19,814
Kansas.....	(D)	7,028	4,301	6,608
Minnesota.....	75,654	(D)	76,238	10,054
Missouri.....	49,469	(D)	(D)	(D)
Ohio.....	20,283	(D)	13,398	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	147,689	78,180	160,463	53,579

(D) Data withheld to avoid disclosing figures for individual companies.

¹Includes millfeed and lecithin.

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Table 10. PRODUCTION, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF SELECTED OILS: SEPTEMBER 1988

(Quantity in millions of pounds)

Product code	Product description	Manufacturers' production	Export of domestic merchandise ¹	Percent exports to manufacturers' production	Imports for consumption ²	Apparent consumption ³
20751 11	Soybean - crude oil.....	901.3	154.9	17.2	90.4	836.8
20741 11	Cottonseed - crude oil..	56.9	3.9	6.9	0.1	53.1

Note: For comparison of Standard Industrial Classification codes, Schedule B export numbers, and TSUSA import numbers, see table 11.

- Represents zero.

¹Source: Bureau of the Census Report EM 546, U.S. Exports, Commodity by Country.

²Source: Bureau of the Census Report IM 146, U.S. Imports for Consumption.

³Apparent consumption is equal to domestic production, plus imports, minus exports.

Table 11. COMPARISON OF STANDARD INDUSTRIAL CLASSIFICATION CODES, SCHEDULE B EXPORT NUMBERS, AND TSUSA IMPORT NUMBERS

Domestic output	Export numbers	Import numbers
20751 11	176.5220	176.5200
20741 11	176.1820	176.1800



C3. 158: M20J(88)-11



REGIONAL CENSUS CENT.
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BOSTON, MA 02116-5000

Fats and Oils— Oilseed Crushings

NOVEMBER 1988

U.S. Department of Commerce
BUREAU OF THE CENSUS

M20J(88)-11
For release December 22, 1988, 10 a.m. E.S.T.

The statistics in this publication are based on a survey of all known crushers of oilseeds and represent total U.S. production of oilseed extraction. Estimates are included for companies whose reports were not received in time

for tabulation. A description of the survey methodology and related information may be found in January 1988 report, M20J(88)-1, issued February 1988.

Table 1A. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION, SEASONALLY ADJUSTED: 1986 TO 1988

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
1988			
November.....	986.9	97.1	108.0
October.....	971.6	100.7	118.5
September.....	1,056.6	100.4	123.1
August.....	982.8	123.0	128.5
July.....	1,088.9	196.5	129.6
June.....	1,070.2	137.1	126.7
May.....	1,117.7	122.7	115.0
April.....	1,191.1	100.0	118.4
March.....	1,124.0	88.0	109.1
February.....	1,112.9	87.9	118.2
January.....	1,060.0	81.8	116.7
1987			
December.....	1,052.4	93.2	114.7
November.....	1,074.9	93.5	115.6
October.....	1,025.4	79.0	115.6
September.....	1,002.7	86.1	122.8
August.....	989.2	38.2	108.1
July.....	1,115.2	43.2	120.6
June.....	1,085.1	69.4	117.7
May.....	1,064.2	65.5	115.6
April.....	1,095.3	69.5	109.7
March.....	1,126.5	65.3	115.2
February.....	1,171.1	69.8	111.3
January.....	1,051.1	68.9	105.3
1986			
December.....	969.0	68.6	121.3
November.....	1,032.2	63.4	128.4

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Beth Eldridge, (301) 763-4476.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Table 1B. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION,
NOT SEASONALLY ADJUSTED: 1986 TO 1988

(Millions of pounds)			
Month and year	Soybean	Cottonseed	Corn
1988			
November.....	1,107.3	125.3	107.4
October.....	1,047.4	98.6	123.8
September.....	901.3	56.9	124.5
August.....	878.6	72.7	132.1
July.....	994.2	91.0	131.7
June.....	996.4	91.2	125.4
May.....	1,087.5	105.8	125.6
April.....	1,132.7	104.4	117.3
March.....	1,186.9	113.2	113.4
February.....	1,091.8	115.8	110.2
January.....	1,170.2	125.7	107.1
1987			
December.....	1,208.1	124.8	110.6
November.....	1,207.1	118.2	115.9
October.....	1,119.7	84.0	121.5
September.....	881.4	46.9	119.5
August.....	891.3	22.6	114.7
July.....	1,013.7	25.4	123.0
June.....	980.9	43.5	117.5
May.....	1,037.6	55.6	123.8
April.....	1,047.1	70.6	111.2
March.....	1,149.0	83.3	119.3
February.....	1,109.6	90.3	102.2
January.....	1,185.6	103.7	100.1
1986			
December.....	1,152.2	91.4	114.0
November.....	1,171.5	83.5	120.2

Table 2. NET RECEIPTS, CRUSHINGS, AND STOCKS OF RAW MATERIALS AT OIL MILLS

(Short tons)						
Product code	Product description	November 1988			October 1988	
		Net receipts at mills	Crushed or used	Oil mill stocks, end of month	Crushed or used	Oil mill stocks, end of month
00116 11	Soybeans.....	3,365,076	3,039,180	4,423,332	2,833,440	4,097,436
00131 01	Cottonseed ¹	1,392,186	375,329	2,337,026	299,296	1,320,169
00119 11	Flaxseed.....	(D)	(D)	(D)	(D)	(D)
00139 23	Peanuts.....	20,163	21,133	4,610	12,457	5,580
00119 22	Sunflower.....	87,198	84,114	61,153	67,873	58,069
00119 33	Safflower.....	(D)	6,494	31,660	(D)	(D)
00000 00	Other major oil bearing materials ²	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.
¹Revised by 5 percent or more from previously published figures.

¹Actual cottonseed received at the mill location: November 1988, 1,054,832; October 1988, 773,029
²Other major oils consist of tung and castor (no. 1 and no. 2).

Table 3. PRODUCTION, SHIPMENTS AND TRANSFERS, AND STOCKS OF PRIMARY PRODUCTS AT CRUDE OIL MILL LOCATIONS

Product code	Product description	Unit of measure	November 1988		October 1988		Shipments and transfers
			Production	Stocks, end of month	Production	Stocks, end of month	
	Soybeans:						
20751 11	Crude oil.....	M. lbs.....	1,107,265	1,160,659	1,047,386	1,048,937	995,543
20752 11	Cake and meal.....	S. tons....	2,276,235	258,423	2,110,873	227,050	2,244,862
20752 13	For animal feed.....	S. tons....	2,257,026	(X)	2,093,397	(X)	(X)
20752 15	For edible protein products.....	S. tons....	19,209	(X)	17,476	(X)	(X)
20752 61	Millfeed (hull meal).....	..do.....	121,728	37,129	124,634	40,771	125,370
20751 42	Lecithin.....	S. tons....	4,784	(X)	4,968	(X)	(X)
	Cottonseed:						
20741 11	Crude oil.....	M. lbs.....	125,301	25,627	98,631	25,526	125,200
20744 11	Cake and meal.....	S. tons....	170,033	58,707	135,401	58,786	170,112
20744 51	Hulls.....	..do.....	101,682	25,605	76,448	34,176	110,253
	Linters:						
	Gross weight.....	M. lbs.....	64,015	29,700	53,217	35,878	70,193
	Equivalent running bales.....	Number.....	101,523	47,233	84,421	57,085	111,375
20743 13	First cut:						
	Gross weight.....	M. lbs.....	13,975	13,733	12,269	15,408	15,650
	Equivalent running bales.....	Number.....	22,324	21,938	19,599	24,613	24,999
20743 15	Second cut:						
	Gross weight.....	M. lbs.....	41,101	12,351	33,227	14,417	43,167
	Equivalent running bales.....	Number.....	64,828	19,481	52,409	22,740	68,087
20743 17	Mill run:						
	Gross weight.....	M. lbs.....	8,939	3,616	7,721	6,053	11,376
	Equivalent running bales.....	Number.....	14,371	5,814	12,413	9,732	18,289
	Linseed:						
20761 11	Crude oil.....	M. lbs.....	(D)	(D)	(D)	(D)	(D)
20763 11	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Peanut:						
20762 52	Crude oil.....	M. lbs.....	17,043	3,641	9,746	4,124	17,526
20763 51	Cake and meal.....	S. tons....	12,298	4,311	7,196	3,600	11,587
	Sunflower:						
20762 35	Crude oil.....	M. lbs.....	69,158	41,204	56,029	(D)	(D)
20763 64	Cake and meal.....	S. tons....	42,482	4,458	35,392	5,573	43,597
	Corn:						
20460 61	Crude oil.....	M. lbs.....	107,350	15,007	123,751	11,878	104,221
	Safflower:						
20762 99	Crude oil.....	M. lbs.....	4,921	32,792	(D)	(D)	(D)
20763 99	Cake and meal.....	S. tons....	4,008	12,725	(D)	(D)	(D)
	Other:						
20762 99	Crude oil.....	M. lbs.....	-	-	-	-	-
20763 99	Cake and meal.....	S. tons....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. ^rRevised by 5 percent or more from previously published figure. (X) Not applicable.

¹Data reported in gross weight and converted to running bales using the following factors: 1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.

Table 4. TOTAL SOYBEAN OIL FACTORY AND WAREHOUSE STOCKS

(Thousands of pounds)

Product code	Product description	November 1988	October 1988
	Soybean oil:		
	Stocks, end of month.....	2,236,526	2,052,530
20751 11	Crude.....	1,977,205	1,784,295
20751 21	Refined.....	259,321	268,235

Table 5. PRODUCTION AND END OF MONTH STOCKS OF COTTONSEED LINTERS AT OIL MILL LOCATIONS, BY TYPE OF CUT AND GEOGRAPHIC AREA

(Data reported in gross weight and converted to running bales using the following factors:
1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.)

Product code	Geographic area	November 1988		October 1988	
		Production	Stocks, end of month	Production	Stocks, end of month
	United States.....	101,523	47,233	84,421	57,085
20743 13	First cut.....	22,324	21,938	19,599	24,613
20743 15	Second cut.....	64,828	19,481	52,409	22,740
20743 17	Mill run.....	14,371	5,814	12,413	9,732
	Pacific and Mountain States.....	20,324	16,878	9,670	30,247
20743 13	First cut.....	(D)	(D)	(D)	(D)
20743 15	Second cut.....	13,478	9,453	6,443	14,492
20743 17	Mill run.....	(D)	(D)	(D)	(D)
	All other States.....	81,199	30,355	74,751	26,838
20743 13	First cut.....	(D)	(D)	(D)	(D)
20743 15	Second cut.....	51,350	10,028	45,966	8,248
20743 17	Mill run.....	(D)	(D)	(D)	(D)

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. ^rRevised by 5 percent or more from previously published figures.

Table 6. CRUSHINGS AND STOCKS OF COTTONSEED AT OIL MILLS, BY STATE

(Short tons)

State	November 1988		October 1988	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	375,329	2,337,026	299,296	1,320,169
Arkansas.....	31,304	296,443	32,381	221,807
Pacific and Mountain States.....	(D)	585,771	(D)	207,731
Mississippi.....	(D)	413,431	(D)	367,907
Texas.....	151,090	783,759	130,098	350,316
All other States.....	70,678	257,622	60,357	172,408

Note: Detail may not add to totals due to independent rounding.

(D) Data withheld to avoid disclosing figures for individual companies. ^rRevised by 5 percent or more from previously published figures.

Table 7. PRODUCTION AND STOCKS OF COTTONSEED PRODUCTS AT OIL MILL LOCATIONS, BY STATE

State	Crude oil (thousands of pounds)	Cake and meal (short tons)	Hulls (short tons)	Linters ¹ (equivalent bales) ²
NOVEMBER 1988				
Production:				
United States.....	125,301	170,033	101,682	101,523
Arkansas.....	9,630	14,174	8,173	9,096
Pacific and Mountain States.....	(D)	(D)	(D)	20,324
Mississippi.....	(D)	(D)	(D)	15,449
Texas.....	50,126	66,783	44,631	37,415
All other States.....	25,181	32,514	18,958	19,239
Stocks at oil mill locations, end of month:				
United States.....	25,627	58,707	25,605	47,233
Arkansas.....	(D)	1,239	1,943	1,896
Pacific and Mountain States.....	(D)	19,124	8,794	16,878
Mississippi.....	6,015	2,768	2,344	6,055
Texas.....	10,552	25,007	4,911	17,508
All other States.....	4,150	10,569	7,613	4,896
OCTOBER 1988				
Production:				
United States.....	98,631	135,401	76,448	84,421
Arkansas.....	10,365	15,261	7,518	9,432
Pacific and Mountain States.....	(D)	(D)	(D)	9,670
Mississippi.....	(D)	(D)	(D)	15,856
Texas.....	42,675	59,543	38,245	32,616
All other States.....	20,628	26,935	12,247	16,847
Stocks at oil mill locations, end of month:				
United States.....	^r 25,526	58,786	34,176	57,085
Arkansas.....	(D)	2,048	1,875	1,611
Pacific and Mountain States.....	(D)	21,733	9,336	30,247
Mississippi.....	7,050	2,542	1,769	6,027
Texas.....	^r 10,691	26,024	12,422	14,642
All other States.....	4,078	6,439	8,774	4,558

(D) Data withheld to avoid disclosing figures for individual companies. ^rRevised by 5 percent or more from previously published figures.

¹See table 3 for production and stocks by type of cut.

²Data reported in gross weight and converted to running bales using the following factors: 1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.

Table 8. CRUSHINGS AND STOCKS OF SOYBEANS AT OIL MILLS, BY STATE

(Short tons)

State	November 1988		October 1988	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	3,039,180	4,423,332	2,833,440	4,097,436
Arkansas.....	121,000	(D)	97,708	135,506
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	571,694	899,802	554,692	1,115,783
Indiana.....	200,242	(D)	182,044	327,692
Iowa.....	504,106	395,599	471,763	552,729
Kansas.....	132,643	184,699	137,219	177,610
Minnesota.....	206,864	144,655	185,451	188,523
Missouri.....	178,281	218,643	165,746	287,213
Ohio.....	188,010	(D)	188,871	225,023
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	773,236	1,579,888	712,187	958,465

(D) Data withheld to avoid disclosing figures for individual companies.

Table 9. PRODUCTION AND STOCKS OF SOYBEAN PRODUCTS AT OIL MILL LOCATIONS, BY STATES

(Crude oil in thousand pounds; cake and meal in short tons)

State	November 1988		October 1988	
	Crude oil	Cake and meal total ¹	Crude oil	Cake and meal total ¹
Production:				
United States.....	1,107,265	2,402,747	1,047,386	2,240,475
Arkansas.....	42,688	96,749	35,073	79,069
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	210,450	454,264	205,795	440,075
Indiana.....	70,626	158,836	66,243	143,699
Iowa.....	193,634	396,137	178,644	365,730
Kansas.....	49,110	106,918	50,807	108,820
Minnesota.....	78,431	164,127	71,471	146,749
Missouri.....	65,849	141,652	61,582	132,037
Ohio.....	66,237	150,130	67,680	150,153
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	272,069	606,303	260,345	566,085
Stocks at oil mill locations, end of month:				
United States.....	1,160,659	295,552	1,048,937	267,821
Arkansas.....	18,204	8,346	13,292	16,948
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	267,596	41,575	239,372	83,700
Indiana.....	(D)	(D)	(D)	(D)
Iowa.....	(D)	38,340	(D)	24,066
Kansas.....	(D)	13,436	(D)	7,028
Minnesota.....	81,387	18,132	75,654	(D)
Missouri.....	67,333	(D)	49,469	(D)
Ohio.....	25,391	(D)	20,283	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	143,758	91,001	147,689	78,180

(D) Data withheld to avoid disclosing figures for individual companies.

¹Includes millfeed and lecithin.

Table 10. PRODUCTION, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF SELECTED OILS: OCTOBER 1988

(Quantity in millions of pounds)

Product code	Product description	Manufacturers' production	Export of domestic merchandise ¹	Percent exports to manufacturers' production	Imports for consumption ²	Apparent consumption ³
20751 11	Soybean - crude oil.....	1,047.4	172.6	16.5	50.2	925.0
20741 11	Cottonseed - crude oil..	98.6	1.8	1.8	-	96.8

Note: For comparison of Standard Industrial Classification codes, Schedule B export numbers, and TSUSA import numbers, see table 11.

- Represents zero.

¹Source: Bureau of the Census Report EM 546, U.S. Exports, Commodity by Country.

²Source: Bureau of the Census Report IM 146, U.S. Imports for Consumption.

³Apparent consumption is equal to domestic production, plus imports, minus exports.

Table 11. COMPARISON OF STANDARD INDUSTRIAL CLASSIFICATION CODES, SCHEDULE B EXPORT NUMBERS, AND TSUSA IMPORT NUMBERS

Domestic output	Export numbers	Import numbers
20751 11	176.5220	176.5200
20741 11	176.1820	176.1800



FEB 21 1989



C3-158: M20J(88)-12

Fats and Oils— Oilseed Crushings

DECEMBER 1988

U.S. Department of Commerce
BUREAU OF THE CENSUS

M20J(88)-12
For release January 24, 1989, 10 a.m. E.D.T.

The statistics in this publication are based on a survey of all known crushers of oilseeds and represent total U.S. production of oilseed extraction. Estimates are included for companies whose reports were not received in time

for tabulation. A description of the survey methodology and related information may be found in January 1988 report, M20J(88)-1, issued February 1988.

Table 1A. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION, SEASONALLY ADJUSTED: 1986 TO 1988

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
1988			
December.....	977.8	90.8	136.0
November.....	988.0	97.1	108.1
October.....	971.6	100.7	118.5
September.....	1,056.6	100.4	123.1
August.....	982.8	123.0	128.5
July.....	1,088.9	196.5	129.6
June.....	1,070.2	137.1	126.7
May.....	1,117.7	122.7	115.0
April.....	1,191.1	100.0	118.4
March.....	1,124.0	88.0	109.1
February.....	1,112.9	87.9	118.2
January.....	1,060.0	81.8	116.7
1987			
December.....	1,052.4	93.2	114.7
November.....	1,074.9	93.5	115.6
October.....	1,025.4	79.0	115.6
September.....	1,002.7	86.1	122.8
August.....	989.2	38.2	108.1
July.....	1,115.2	43.2	120.6
June.....	1,085.1	69.4	117.7
May.....	1,064.2	65.5	115.6
April.....	1,095.3	69.5	109.7
March.....	1,126.5	65.3	115.2
February.....	1,171.1	69.8	111.3
January.....	1,051.1	68.9	105.3
1986			
December.....	969.0	68.6	121.3

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Beth Eldridge, (301) 763-4476.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Table 1B. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION,
NOT SEASONALLY ADJUSTED: 1986 TO 1988

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
1988			
December.....	1,109.8	125.1	128.8
November.....	1,108.5	125.3	107.5
October.....	1,047.4	98.6	123.8
September.....	901.3	56.9	124.5
August.....	878.6	72.7	132.1
July.....	994.2	91.0	131.7
June.....	996.4	91.2	125.4
May.....	1,087.5	105.8	125.6
April.....	1,132.7	104.4	117.3
March.....	1,186.9	113.2	113.4
February.....	1,091.8	115.8	110.2
January.....	1,170.2	125.7	107.1
1987			
December.....	1,208.1	124.8	110.6
November.....	1,207.1	118.2	115.9
October.....	1,119.7	84.0	121.5
September.....	881.4	46.9	119.5
August.....	891.3	22.6	114.7
July.....	1,013.7	25.4	123.0
June.....	980.9	43.5	117.5
May.....	1,037.6	55.6	123.8
April.....	1,047.1	70.6	111.2
March.....	1,149.0	83.3	119.3
February.....	1,109.6	90.3	102.2
January.....	1,185.6	103.7	100.1
1986			
December.....	1,152.2	91.4	114.0

Table 2. NET RECEIPTS, CRUSHINGS, AND STOCKS OF RAW MATERIALS AT OIL MILLS

(Short tons)

Product code	Product description	December 1988			November 1988	
		Net receipts at mills	Crushed or used	Oil mill stocks, end of month	Crushed or used	Oil mill stocks, end of month
00116 11	Soybeans.....	2,755,783	3,019,499	4,159,616	3,031,006	4,423,332
00131 01	Cottonseed ¹	481,764	376,553	2,442,237	375,329	2,337,026
00119 11	Flaxseed.....	(D)	(D)	(D)	(D)	(D)
00139 23	Peanuts.....	22,923	22,587	4,946	21,133	4,610
00119 22	Sunflower.....	54,877	67,179	48,851	84,114	61,153
00119 33	Safflower.....	(D)	(D)	33,481	6,494	31,660
00000 00	Other major oil bearing materials ²	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

¹Actual cottonseed received at the mill location: December 1988, 756,958; November 1988, 1,054,832.

²Other major oils consist of tung and castor (no.1 and no.2).

Table 3. PRODUCTION, SHIPMENTS AND TRANSFERS, AND STOCKS OF PRIMARY PRODUCTS AT CRUDE OIL MILL LOCATIONS

Product code	Product description	Unit of measure	December 1988		November 1988		
			Production	Stocks, end of month	Production	Stocks, end of month	Shipments and transfers
	Soybeans:						
20751 11	Crude oil.....	M. lbs.....	1,109,763	1,288,890	1,108,534	1,160,659	981,532
20752 11	Cake and meal.....	S. tons....	2,268,377	322,165	2,277,601	258,423	2,204,635
20752 13	For animal feed.....	..do.....	2,250,989	(X)	2,258,392	(X)	(X)
20752 15	For edible protein products.....	..do.....	17,388	(X)	19,209	(X)	(X)
20752 61	Millfeed (hull meal).....	..do.....	120,084	31,502	121,848	37,129	125,711
20751 42	Lecithin.....	..do.....	4,667	(X)	4,784	(X)	(X)
	Cottonseed:						
20741 11	Crude oil.....	M. lbs.....	125,108	36,521	125,301	25,627	114,214
20744 11	Cake and meal.....	S. tons....	171,841	51,756	170,033	58,707	178,792
20744 51	Hulls.....	..do.....	101,159	24,504	100,279	25,605	102,360
	Linters: ¹						
	Gross weight.....	M. lbs.....	59,216	33,787	63,045	29,779	55,208
	Equivalent running bales.....	Number....	93,863	53,783	99,964	47,359	97,439
20743 13	First cut:						
	Gross weight.....	M. lbs.....	13,218	17,209	13,975	13,812	9,821
	Equivalent running bales.....	Number....	21,115	27,490	22,324	22,064	15,689
20743 15	Second cut:						
	Gross weight.....	M. lbs.....	39,544	11,812	41,102	12,351	40,083
	Equivalent running bales.....	Number....	62,372	18,631	64,830	19,481	63,222
20743 17	Mill run:						
	Gross weight.....	M. lbs.....	6,454	4,766	^r 7,968	3,616	5,304
	Equivalent running bales.....	Number....	10,376	7,662	^r 12,810	5,814	8,528
	Linseed:						
20761 11	Crude oil.....	M. lbs.....	(D)	(D)	(D)	(D)	(D)
20763 11	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Peanut:						
20762 52	Crude oil.....	M. lbs.....	18,363	3,916	17,043	3,641	18,088
20763 51	Cake and meal.....	S. tons....	13,371	4,707	12,298	4,311	12,975
	Sunflower:						
20762 35	Crude oil.....	M. lbs.....	55,705	73,391	69,158	41,204	23,518
20763 64	Cake and meal.....	S. tons....	34,871	2,954	42,482	4,458	36,375
	Corn:						
20460 61	Crude oil.....	M. lbs.....	128,809	17,536	107,500	14,990	126,263
	Safflower:						
20762 99	Crude oil.....	M. lbs.....	(D)	25,612	4,921	32,792	(D)
20763 99	Cake and meal.....	S. tons....	(D)	9,813	4,008	12,725	(D)
	Other:						
20762 99	Crude oil.....	M. lbs.....	-	-	-	-	-
20763 99	Cake and meal.....	S. tons....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. ^rRevised by 5 percent or more from previously published figure. (X) Not applicable.

¹Data reported in gross weight and converted to running bales using the following factors: 1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.

Table 4. TOTAL SOYBEAN OIL FACTORY AND WAREHOUSE STOCKS

(Thousands of pounds)

Product code	Product description	December 1988	November 1988
	Soybean oil:		
	Stocks, end of month.....	2,556,062	2,321,864
20751 11	Crude.....	2,313,945	2,042,857
20751 21	Refined.....	242,117	279,007

Table 5. PRODUCTION AND END OF MONTH STOCKS OF COTTONSEED LINTERS AT OIL MILL LOCATIONS, BY TYPE OF CUT AND GEOGRAPHIC AREA

(Data reported in gross weight and converted to running bales using the following factors:
1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.)

Product code	Geographic area	December 1988		November 1988	
		Production	Stocks, end of month	Production	Stocks, end of month
	United States.....	93,863	53,783	99,964	47,359
20743 13	First cut.....	21,115	27,490	22,324	22,064
20743 15	Second cut.....	62,372	18,631	64,830	19,481
20743 17	Mill run.....	10,376	7,662	12,810	5,814
	Pacific and Mountain States.....	16,675	17,608	20,325	16,878
20743 13	First cut.....	(D)	(D)	(D)	(D)
20743 15	Second cut.....	11,856	8,994	13,479	9,453
20743 17	Mill run.....	(D)	(D)	(D)	(D)
	All other States.....	77,188	36,175	79,639	30,481
20743 13	First cut.....	(D)	(D)	(D)	(D)
20743 15	Second cut.....	50,516	9,637	51,351	10,028
20743 17	Mill run.....	(D)	(D)	(D)	(D)

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. ^rRevised by 5 percent or more from previously published figures.

Table 6. CRUSHINGS AND STOCKS OF COTTONSEED AT OIL MILLS, BY STATE

(Short tons)

State	December 1988		November 1988	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	376,553	2,442,237	375,329	2,337,026
Arkansas.....	30,606	230,726	31,304	296,443
Pacific and Mountain States.....	(D)	720,336	(D)	585,771
Mississippi.....	(D)	404,393	(D)	413,431
Texas.....	162,461	919,108	151,090	783,759
All other States.....	68,193	167,674	70,678	257,622

Note: Detail may not add to totals due to independent rounding.

(D) Data withheld to avoid disclosing figures for individual companies. ^rRevised by 5 percent or more from previously published figures.

Table 7. PRODUCTION AND STOCKS OF COTTONSEED PRODUCTS AT OIL MILL LOCATIONS, BY STATE

State	Crude oil (thousands of pounds)	Cake and meal (short tons)	Hulls (short tons)	Linters ¹ (equivalent bales) ²
DECEMBER 1988				
Production:				
United States.....	125,108	171,841	101,159	93,863
Arkansas.....	9,380	13,629	8,347	9,177
Pacific and Mountain States.....	(D)	(D)	(D)	16,675
Mississippi.....	(D)	(D)	(D)	13,883
Texas.....	56,792	71,770	46,851	35,899
All other States.....	20,484	32,102	17,249	18,229
Stocks at oil mill locations, end of month:				
United States.....	36,521	51,756	24,404	53,783
Arkansas.....	938	(D)	(D)	2,235
Pacific and Mountain States.....	(D)	28,634	10,940	17,608
Mississippi.....	(D)	(D)	(D)	6,816
Texas.....	12,769	13,446	5,506	20,520
All other States.....	5,359	4,418	3,568	6,604
NOVEMBER 1988				
Production:				
United States.....	125,301	170,033	100,279	99,964
Arkansas.....	9,630	14,174	8,173	9,096
Pacific and Mountain States.....	(D)	(D)	(D)	20,325
Mississippi.....	(D)	(D)	(D)	15,715
Texas.....	50,126	66,783	44,631	35,857
All other States.....	25,181	32,514	17,555	18,971
Stocks at oil mill locations, end of month:				
United States.....	25,627	58,707	25,605	47,359
Arkansas.....	(D)	1,239	1,943	1,896
Pacific and Mountain States.....	(D)	19,124	8,794	16,878
Mississippi.....	6,015	2,768	2,344	6,055
Texas.....	10,552	25,007	4,911	17,634
All other States.....	4,150	10,569	7,613	4,896

(D) Data withheld to avoid disclosing figures for individual companies.
more from previously published figures.

^rRevised by 5 percent or

¹See table 3 for production and stocks by type of cut.

²Data reported in gross weight and converted to running bales using the following factors: 1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.

Table 8. CRUSHINGS AND STOCKS OF SOYBEANS AT OIL MILLS, BY STATE

(Short tons)

State	December 1988		November 1988	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	3,019,499	4,159,616	3,031,006	4,423,332
Arkansas.....	115,163	181,905	121,000	(D)
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	574,045	712,324	571,694	899,802
Indiana.....	196,973	(D)	200,242	(D)
Iowa.....	505,185	386,938	504,106	395,599
Kansas.....	128,315	154,004	132,643	184,699
Minnesota.....	196,562	146,113	206,864	144,655
Missouri.....	168,301	203,681	178,281	218,643
Ohio.....	196,719	221,974	188,010	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	774,007	1,597,450	765,062	1,579,888

(D) Data withheld to avoid disclosing figures for individual companies.

Table 9. PRODUCTION AND STOCKS OF SOYBEAN PRODUCTS AT OIL MILL LOCATIONS, BY STATES

(Crude oil in thousand pounds; cake and meal in short tons)

State	December 1988		November 1988	
	Crude oil	Cake and meal total ¹	Crude oil	Cake and meal total ¹
Production:				
United States.....	1,109,763	2,393,128	1,108,534	2,404,233
Arkansas.....	41,110	91,879	42,688	96,749
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	212,554	454,172	210,450	454,264
Indiana.....	69,894	153,618	70,626	158,836
Iowa.....	194,540	397,538	193,634	396,137
Kansas.....	47,050	102,967	49,110	106,918
Minnesota.....	75,836	155,940	78,431	164,127
Missouri.....	63,185	133,609	65,849	141,652
Ohio.....	70,104	158,244	66,237	150,130
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	275,830	616,980	272,738	607,789
Stocks at oil mill locations, end of month:				
United States.....	1,288,890	353,667	1,160,659	295,552
Arkansas.....	13,833	7,480	18,204	8,346
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	314,685	73,274	267,596	41,575
Indiana.....	(D)	(D)	(D)	(D)
Iowa.....	(D)	33,486	(D)	38,340
Kansas.....	38,985	(D)	(D)	13,436
Minnesota.....	94,424	14,566	81,387	18,132
Missouri.....	61,863	(D)	67,333	(D)
Ohio.....	38,484	(D)	25,391	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	174,603	100,942	143,758	91,001

(D) Data withheld to avoid disclosing figures for individual companies.

¹Includes millfeed and lecithin.

Table 10. PRODUCTION, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF SELECTED OILS: NOVEMBER 1988

(Quantity in millions of pounds)

Product code	Product description	Manufacturers' production	Export of domestic merchandise ¹	Percent exports to manufacturers' production	Imports for consumption ²	Apparent consumption ³
20751 11	Soybean - crude oil.....	1,108.5	95.0	8.6	142.2	1,155.7
20741 11	Cottonseed - crude oil..	125.3	3.7	3.0	-	121.6

Note: For comparison of Standard Industrial Classification codes, Schedule B export numbers, and TSUSA import numbers, see table 11.

- Represents zero.

¹Source: Bureau of the Census Report EM 546, U.S. Exports, Commodity by Country.

²Source: Bureau of the Census Report IM 146, U.S. Imports for Consumption.

³Apparent consumption is equal to domestic production, plus imports, minus exports.

Table 11. COMPARISON OF STANDARD INDUSTRIAL CLASSIFICATION CODES, SCHEDULE B EXPORT NUMBERS, AND TSUSA IMPORT NUMBERS

Domestic output	Export numbers	Import numbers
20751 11	176.5220	176.5200
20741 11	176.1820	176.1800





C3.158 M20J(88-13)

Fats and Oils Oilseed Crushings

CROP YEAR 1987/1988

U.S. Department of Commerce
BUREAU OF THE CENSUS

M20J(88)-13
Issued January 1989

SUMMARY OF FINDINGS

For the 1987/1988 crop year, soybean crushings showed a very small decrease while cottonseed crushings increased 48.1 percent.

At the same time, production of crude soybean oil increased by 1.4 percent and crude cottonseed oil increased by 54.1 percent.

A description of the survey methodology and related information appears on page 10.

Note: This report includes seasonal factors for the crop year 1988-1989.

Table 1. RECEIPTS, CRUSHINGS, AND STOCKS OF MAJOR RAW MATERIALS AT DIL MILLS: OCTOBER 1987 TO SEPTEMBER 1988

(Thousands of short tons)

Product code	Product description	1987/ 1988 total	1987			1988								
			Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.
00116 11	Soybeans:													
	Receipts at mills.....	35,110.7	5,858.9	3,245.1	3,009.0	3,106.8	2,917.1	3,064.6	2,483.7	2,384.1	2,517.7	1,924.8	2,152.7	2,446.2
	Crushed or used.....	35,241.0	3,074.9	3,335.8	3,323.7	3,202.3	2,994.4	3,229.3	3,078.2	2,940.2	2,676.9	2,640.6	2,348.0	2,396.7
	Stocks, end of month or year....	1,841.5	4,755.8	4,665.1	4,350.4	4,254.9	4,177.6	4,012.9	3,418.4	2,862.3	2,703.1	1,987.3	1,792.0	1,841.5
00131 01	Cottonseed:													
	Receipts at mills.....	3,507.9	972.7	899.6	656.0	371.7	50.8	11.1	-31.1	-37.1	-21.7	-8.7	227.0	417.6
	Crushed or used.....	3,583.5	251.8	344.2	363.2	373.4	352.2	340.1	310.7	312.5	275.5	263.6	216.8	179.5
	Stocks, end of month or year....	607.2	1,403.7	1,959.1	2,251.9	2,250.2	1,948.8	1,619.8	1,278.0	928.4	631.2	358.9	369.1	607.2
00139 23	Peanuts:													
	Receipts at mills.....	184.3	11.1	17.3	17.7	19.5	18.1	16.4	10.1	24.7	19.0	17.0	(D)	(D)
	Crushed or used.....	184.6	9.2	18.1	17.3	17.3	18.3	12.5	10.6	24.9	16.6	23.1	13.3	3.4
	Stocks, end of month or year....	2.9	5.1	4.3	4.7	6.9	6.7	10.6	10.1	9.9	12.3	6.2	(D)	2.9
00119 11	Linseed:													
	Receipts at mills.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Crushed or used.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Stocks, end of month or year....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
00119 22	Sunflower seeds:													
	Receipts at mills.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Crushed or used.....	984.8	62.7	109.5	115.6	87.8	102.8	122.4	95.5	52.6	70.1	80.7	52.8	32.3
	Stocks, end of month or year....	7.2	(D)	(D)	(D)	(D)	(D)	30.7	(D)	(D)	45.3	(D)	(D)	7.2
00119 33	Safflower seeds:													
	Receipts at mills.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Crushed or used.....	(D)	(D)	(D)	(D)	(D)	7.7	(D)	(D)	(D)	(D)	(D)	(D)	25.8
	Stocks, end of month or year....	(D)	46.0	45.5	40.5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	35.3	(D)
	Other major oil bearing materials: ¹													
	Receipts at mills.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Crushed or used.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Stocks, end of month or year....	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

¹ Other major oils consisting of tung, and castor (no. 1 and no. 3).

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Beth Eldridge, (301) 763-4476.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Table 2. PRODUCTION AND STOCKS OF MAJOR CRUDE VEGETABLE OILS AT OIL MILLS: OCTOBER 1987 TO SEPTEMBER 1988

(Millions of pounds)

Product code	Product description	1987/ 1988 total	1987			1988								
			October	November	December	January	February	March	April	May	June	July	August	September
20751 11	Soybean: Production..... Stocks, end of month or year.....	12,974.5 1,008.1	1,119.7 1,023.1	1,207.1 1,129.0	1,208.1 1,176.2	1,170.2 1,374.8	1,091.8 1,323.0	1,186.9 1,292.2	1,132.7 1,358.8	1,087.5 1,343.4	996.4 1,248.6	994.2 1,194.0	878.6 1,034.4	901.3 1,008.1
20741 11	Cottonseed: Production..... Stocks, end of month or year.....	1,203.7 21.4	84.0 25.6	118.2 31.3	124.8 36.3	125.7 46.3	115.8 42.3	113.2 34.1	104.4 28.7	105.8 28.7	91.2 26.5	91.0 31.9	72.7 21.7	56.9 21.4
20762 52	Peanut: Production..... Stocks, end of month or year.....	144.6 5.8	7.5 6.3	13.7 8.7	13.1 8.4	13.8 6.8	14.9 5.5	10.1 10.5	8.3 8.8	19.5 10.8	12.5 12.5	17.0 13.6	11.4 13.0	2.8 5.8
20460 61	Corn: Production..... Stocks, end of month or year.....	1,435.3 14.6	121.5 15.5	115.9 14.2	110.6 15.0	107.1 18.7	110.2 20.6	113.4 18.0	117.3 18.6	125.6 19.9	125.4 19.2	131.7 29.2	132.1 14.3	124.5 14.6
20761 11	Linseed: Production..... Stocks, end of month or year.....	(D) 5.0	(D) (D)	(D) 17.3	(D) 15.5	(D) 18.8	(D) (D)	(D) 5.8	(D) 6.9	(D) 12.4	(D) (D)	(D) (D)	(D) 2.1	(D) 5.0
20762 35	Sunflower seeds: Production..... Stocks, end of month or year.....	830.5 38.4	51.8 21.4	93.7 22.8	96.5 (D)	71.3 (D)	87.3 (D)	106.6 (D)	79.5 (D)	44.4 (D)	58.9 32.1	68.1 56.1	45.8 (D)	26.6 38.4
20762 99	Safflower seeds: Production..... Stocks, end of month or year.....	(D) 32.9	(D) (D)	(D) 29.6	(D) 27.9	(D) (D)	5.3 27.3	(D) 28.4	(D) 21.7	(D) 18.9	(D) 15.7	(D) 10.9	(D) 24.0	19.4 32.9
20762 63	Other major oils: Production..... Stocks, end of month or year.....	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

¹ Other major oils consisting of tung, and castor (no. 1 and no. 3).

Table 4. CRUSHINGS AND STOCKS OF COTTONSEED (00131 11) AT OIL MILLS, BY SELECTED STATES: OCTOBER 1987 TO SEPTEMBER 1988

State	1987/ 1988 total	1987				1988							
		October	November	December	January	February	March	April	May	June	July	August	September
United States:													
Receipts at mills.....	3,507.9	972.7	899.6	656.0	371.7	50.8	11.1	-31.1	-37.1	-21.7	-8.7	227.0	417.6
Crushed or used.....	3,583.5	251.8	344.2	363.2	373.4	352.2	340.1	310.7	312.5	275.5	263.6	216.8	179.5
Stocks, end of month or year.....	607.2	1403.7	1,959.1	2,251.9	2,250.2	1,948.8	1,619.8	1,278.0	928.4	631.2	358.9	369.1	607.2
Arkansas:													
Crushed or used.....	288.7	31.3	24.4	24.1	27.9	26.1	29.1	23.5	24.8	20.7	26.3	17.9	12.6
Stocks, end of month or year.....	65.9	243.9	244.1	251.5	191.1	164.6	131.6	103.0	73.6	48.8	27.3	(D)	65.9
Pacific and Mountain States:													
Crushed or used.....	605.5	45.8	63.4	60.1	69.7	63.9	50.8	61.0	70.3	55.3	48.3	(D)	(D)
Stocks, end of month or year.....	(D)	297.8	551.6	548.4	543.3	477.3	400.8	309.5	212.6	124.9	52.6	(D)	(D)
Mississippi:													
Crushed or used.....	549.2	50.9	45.5	48.0	50.1	49.9	48.0	46.5	51.8	53.0	45.0	(D)	(D)
Stocks, end of month or year.....	(D)	436.2	416.4	386.3	347.3	268.3	233.9	178.9	118.4	70.1	(D)	(D)	(D)
Texas:													
Crushed or used.....	1,496.5	61.9	136.5	158.6	157.3	144.2	147.2	134.0	126.2	108.1	103.3	109.9	109.3
Stocks, end of month or year.....	333.5	215.7	507.5	811.8	939.8	844.0	704.8	568.7	429.3	320.6	239.2	327.2	333.5

(D) Data withheld to avoid disclosing figures for individual companies.

Table 5. PRODUCTION AND STOCKS AT OIL MILLS, BY SELECTED STATES: OCTOBER 1987 TO SEPTEMBER 1988

State	1987				1988									September
	1987/ 1988 total	October	November	December	January	February	March	April	May	June	July	August		
COTTONSEED CRUDE OIL (20741 00)														
United States:														
Production.....	1,203.7	84.0	118.2	124.8	125.7	115.8	113.2	104.4	105.8	91.2	91.0	72.7	56.9	
Stocks, end of month or year.....	21.4	25.6	31.3	36.3	46.3	42.3	34.1	28.7	28.7	26.5	31.9	21.7	21.4	
Arkansas:														
Production.....	(D)	(D)	7.7	7.9	9.0	8.5	9.3	7.6	8.1	8.6	8.6	6.1	3.7	
Stocks, end of month or year.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
Pacific and Mountain States:														
Production.....	212.2	(D)	22.5	21.1	25.3	21.5	17.6	21.2	24.5	19.3	16.9	(D)	(D)	
Stocks, end of month or year.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5.7	(D)	
Mississippi:														
Production.....	(D)	(D)	15.1	14.8	15.8	15.4	15.0	14.8	16.4	16.5	14.7	(D)	(D)	
Stocks, end of month or year.....	6.6	8.3	(D)	(D)	(D)	(D)	9.1	6.3	(D)	6.9	8.7	(D)	6.6	
Texas:														
Production.....	503.8	19.2	44.0	53.2	53.2	48.6	49.9	45.8	43.7	36.7	37.6	36.2	35.7	
Stocks, end of month or year.....	7.8	6.7	8.9	9.0	12.8	14.3	9.7	8.2	10.6	6.5	7.4	5.8	7.8	

See footnotes at end of table.

Table 5. PRODUCTION AND STOCKS AT OIL MILLS, BY SELECTED STATES: OCTOBER 1987 TO SEPTEMBER 1988--Continued
(Thousands of short tons)

State	1987/ 1988 total	1987			1988								
		October	November	December	January	February	March	April	May	June	July	August	September
COTTONSEED CAKE AND MEAL (20744 14)													
United States:	1,647.3	121.7	156.9	169.3	169.4	160.2	155.7	144.0	144.0	124.7	120.6	100.7	80.1
Production.....	44.1	29.3	39.7	35.6	53.2	65.3	60.4	82.9	110.0	93.5	106.8	86.6	44.1
Stocks, end of month or year.....													
Arkansas:													
Production.....	(0)	(0)	11.2	10.9	12.8	12.4	13.5	11.0	11.5	9.8	12.4	9.0	5.8
Stocks, end of month or year.....	(0)	(0)	(0)	(0)	(0)	(0)	1.7	2.0	2.9	2.5	5.1	(0)	(0)
Pacific and Mountain States:													
Production.....	289.2	(0)	31.6	29.1	32.6	29.6	24.4	29.8	34.4	25.1	22.6	(0)	(0)
Stocks, end of month or year.....	16.9	(0)	(0)	14.1	22.2	28.4	27.9	35.9	48.5	46.1	46.3	31.3	16.9
Mississippi:													
Production.....	(0)	(0)	19.5	24.5	22.0	21.5	20.5	20.7	23.2	22.9	20.2	(0)	(0)
Stocks, end of month or year.....	(0)	2.4	(0)	(0)	(0)	(0)	1.8	3.3	2.3	1.5	4.2	(0)	(0)
Texas:													
Production.....	673.9	28.8	60.2	71.7	71.0	65.4	66.4	60.7	57.0	48.3	47.6	48.1	48.7
Stocks, end of month or year.....	20.2	10.1	12.8	11.6	14.2	17.8	18.5	31.9	42.4	38.0	42.2	39.4	20.2
COTTONSEED HULLS (20744 51)													
United States:	931.7	63.7	89.1	97.2	92.0	90.0	86.4	81.3	81.8	72.3	70.5	60.1	47.3
Production.....	39.3	25.6	41.2	45.5	63.4	70.6	70.2	80.5	89.5	61.5	72.4	57.8	39.3
Stocks, end of month or year.....													
Arkansas:													
Production.....	(0)	(0)	6.1	6.0	6.8	6.2	7.4	5.8	6.0	5.0	6.9	5.0	2.9
Stocks, end of month or year.....	1.9	1.7	1.7	1.4	2.7	3.0	2.9	2.7	2.4	2.2	2.3	(0)	1.9
Pacific and Mountain States:													
Production.....	140.4	(0)	15.4	14.2	16.2	14.7	10.3	13.9	16.8	13.0	11.6	(0)	(0)
Stocks, end of month or year.....	(0)	6.9	16.7	21.6	30.5	39.3	38.9	42.7	45.2	40.9	36.8	24.4	(0)
Mississippi:													
Production.....	(0)	(0)	10.4	13.3	11.4	11.2	11.8	11.1	12.0	12.3	11.1	(0)	(0)
Stocks, end of month or year.....	(0)	2.1	2.0	2.6	3.4	2.4	2.2	3.8	4.3	3.7	5.3	(0)	(0)
Texas:													
Production.....	426.7	17.4	39.1	46.2	41.0	40.6	41.4	39.3	36.0	32.1	30.2	32.2	31.2
Stocks, end of month or year.....	16.9	8.2	9.8	10.7	16.0	17.9	17.1	17.2	14.0	11.5	18.5	18.7	16.9
COTTONSEED LINTERS FIRST CUT (20743 13), SECOND CUT (20743 15), AND MILL RUN (20743 17) ¹													
United States:	907.9	72.6	88.4	89.2	89.8	86.4	88.9	74.8	78.7	73.8	65.3	52.6	47.4
Production.....	41.5	43.4	55.8	61.5	62.9	60.4	57.8	62.2	65.0	63.5	59.4	40.4	41.5
Stocks, end of month or year.....													
Arkansas:													
Production.....	(0)	(0)	7.3	7.2	8.1	7.9	8.2	6.8	7.2	6.1	7.7	5.6	3.7
Stocks, end of month or year.....	1.3	(0)	1.7	1.5	2.5	1.9	2.1	2.1	2.1	1.8	2.8	1.1	1.3
Pacific and Mountain States:													
Production.....	(0)	(0)	14.3	12.1	11.9	11.1	14.8	11.0	18.2	18.0	9.9	3.0	-
Stocks, end of month or year.....	17.5	11.9	18.3	22.3	20.4	19.6	21.7	22.3	26.7	30.5	25.4	16.0	17.5
Mississippi:													
Production.....	(0)	(0)	13.4	14.0	14.1	14.5	13.9	14.0	15.7	15.6	13.5	8.8	9.0
Stocks, end of month or year.....	4.4	(0)	7.8	5.8	6.8	6.1	4.4	5.3	5.1	4.6	7.4	4.5	4.4
Texas:													
Production.....	349.7	17.4	32.6	36.8	36.8	34.4	34.1	30.9	27.4	23.6	23.5	24.9	27.3
Stocks, end of month or year.....	15.0	15.4	16.7	24.3	26.0	24.9	23.7	25.2	25.1	21.6	18.7	15.0	15.0

- Represents zero. (0) Data withheld to avoid disclosing figures for individual companies.

¹Thousands of bales: linter bales vary in weight according to kind of cut: First cut, 626 lbs.; second cut, 634 lbs.; and mill run, 622 lbs.

Table 6. NET RECEIPTS, CRUSHINGS, AND STOCKS OF SOYBEANS (0116 11) AT OIL MILLS, BY SELECTED STATES: OCTOBER 1987 TO SEPTEMBER 1988

State	(Thousands of short tons)												
	1987/ 1988 total	1987			1988								
		October	November	December	January	February	March	April	May	June	July	August	September
United States:													
Receipts at mills.....	35,110.7	5,858.9	3,245.1	3,009.0	3,106.8	2,917.1	3,064.6	2,483.7	2,384.1	2,517.7	1,924.8	2,152.7	2,446.2
Crushed or used.....	35,241.0	3,074.9	3,335.8	3,323.7	3,202.3	2,994.4	3,229.3	3,078.2	2,940.2	2,676.9	2,640.6	2,348.0	2,396.7
Stocks, end of month or year.....	1,841.5	4,755.8	4,665.1	4,350.4	4,254.9	4,177.6	4,012.9	3,418.4	2,862.3	2,703.1	1,987.3	1,792.0	1,841.5
Arkansas:													
Receipts at mills.....	(D)	302.1	233.2	129.4	103.8	119.5	95.6	73.5	52.6	44.3	37.6	(D)	26.7
Crushed or used.....	(D)	97.5	119.3	123.4	130.0	112.2	121.3	113.2	115.3	111.3	111.3	97.8	(D)
Stocks, end of month or year.....	11.3	237.9	351.8	357.8	331.6	338.9	313.2	273.5	210.8	143.8	70.1	(D)	11.3
Georgia:													
Receipts at mills.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Crushed or used.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stocks, end of month or year.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Illinois:													
Receipts at mills.....	7,019.3	1,078.4	471.9	667.3	641.1	524.2	603.4	502.3	430.9	566.0	440.3	411.9	681.6
Crushed or used.....	6,987.0	606.0	678.4	678.5	629.4	617.1	672.8	647.7	574.4	509.0	526.8	360.4	486.5
Stocks, end of month or year.....	644.6	1,084.7	878.2	867.0	878.7	785.8	716.4	571.0	427.5	484.5	398.0	449.5	644.6
Indiana:													
Receipts at mills.....	2,217.1	463.4	176.5	(D)	219.7	(D)	203.3	150.1	172.0	(D)	(D)	129.0	191.5
Crushed or used.....	2,229.3	(D)	221.5	218.9	215.1	192.8	213.4	204.1	166.9	167.9	159.3	(D)	161.4
Stocks, end of month or year.....	86.7	(D)	(D)	252.5	257.1	(D)	(D)	(D)	(D)	104.6	(D)	56.6	86.7
Iowa:													
Receipts at mills.....	5,739.5	830.0	395.6	522.0	516.8	517.3	495.8	434.7	385.2	485.5	321.4	(D)	(D)
Crushed or used.....	5,767.2	514.2	545.8	550.9	521.1	463.9	494.2	478.1	445.3	448.6	387.3	417.0	409.8
Stocks, end of month or year.....	340.7	593.2	443.0	414.1	409.8	463.2	464.8	421.4	361.3	398.2	332.3	(D)	340.7
Kansas:													
Receipts at mills.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	105.8	116.1	85.6	51.4	(D)	115.1
Crushed or used.....	1,276.0	(D)	(D)	(D)	(D)	(D)	(D)	123.9	133.8	122.6	116.9	(D)	85.9
Stocks, end of month or year.....	82.4	228.0	223.8	(D)	218.4	208.1	190.2	172.1	154.4	117.4	51.9	53.2	82.4
Minnesota:													
Receipts at mills.....	2,519.9	292.6	182.8	180.3	188.9	207.2	236.5	215.9	190.9	230.6	185.3	182.1	226.8
Crushed or used.....	2,467.3	213.2	203.2	216.1	221.5	203.8	213.7	188.4	211.2	200.7	202.4	199.4	193.7
Stocks, end of month or year.....	187.9	214.7	194.3	158.5	125.9	129.3	152.1	179.6	159.3	189.2	172.1	154.8	187.9
Missouri:													
Receipts at mills.....	1,803.2	449.8	101.0	154.7	141.4	175.4	181.6	97.0	108.3	77.9	76.9	109.4	129.8
Crushed or used.....	1,779.8	176.7	205.6	196.6	185.4	171.6	188.2	121.6	106.6	90.7	96.4	125.2	115.2
Stocks, end of month or year.....	90.9	340.6	236.0	194.1	150.1	153.9	147.3	122.7	124.4	111.6	92.1	76.3	90.9
Ohio:													
Receipts at mills.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	143.3
Crushed or used.....	2,267.0	210.2	204.3	208.5	204.6	191.5	204.8	184.2	170.9	168.2	178.9	183.6	157.3
Stocks, end of month or year.....	52.0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	66.0	52.0
South Carolina:													
Receipts at mills.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Crushed or used.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stocks, end of month or year.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

(D) Data withheld to avoid disclosing figures for individual companies.

Table 7A. PRODUCTION AND STOCKS OF SOYBEAN CRUDE OIL (20751 11) AT OIL MILLS, BY SELECTED STATES: OCTOBER 1987 TO SEPTEMBER 1988

(Millions of pounds)

State	1987/ 1988 total	1987					1988						
		October	November	December	January	February	March	April	May	June	July	August	September
United States:													
Production.....	12,974.5	1,119.7	1,207.1	1,208.1	1,170.2	1,091.8	1,186.9	1,132.7	1,087.5	996.4	994.2	878.6	901.3
Stocks, end of month or year.....	1,008.1	1,023.1	1,129.0	1,176.2	1,374.8	1,328.0	1,292.2	1,358.8	1,343.4	1,248.6	1,194.0	1,034.4	1,008.1
Arkansas:													
Production.....	(D)	34.2	42.3	42.5	45.1	39.7	43.2	39.9	40.6	39.8	39.9	34.7	(D)
Stocks, end of month or year.....	16.6	16.0	11.9	16.0	13.6	6.1	13.5	21.0	28.5	19.7	23.1	24.6	16.6
Georgia:													
Production.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stocks, end of month or year.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Illinois:													
Production.....	2,614.5	226.0	250.1	253.3	232.9	228.2	250.3	241.0	214.8	192.6	204.0	136.8	184.5
Stocks, end of month or year.....	248.1	290.2	280.8	308.2	329.7	340.6	376.1	395.0	403.6	372.5	365.3	263.8	248.1
Indiana:													
Production.....	(D)	(D)	80.0	80.5	78.5	70.3	78.4	76.0	62.4	63.6	60.8	(D)	58.2
Stocks, end of month or year.....	(D)	(D)	(D)	(D)	(D)	390.3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Iowa:													
Production.....	2,123.3	188.8	200.9	203.9	194.2	173.3	185.5	179.9	166.4	169.2	147.4	157.7	156.1
Stocks, end of month or year.....	98.4	130.1	(D)	(D)	(D)	(D)	(D)	100.5	(D)	(D)	(D)	87.6	98.4
Kansas:													
Production.....	475.6	(D)	(D)	(D)	(D)	(D)	(D)	46.1	50.2	45.9	44.0	(D)	32.2
Stocks, end of month or year.....	4.3	(D)	8.0	(D)	(D)	5.4	3.5	5.9	8.2	6.6	6.5	(D)	4.3
Minnesota:													
Production.....	913.7	78.8	75.2	78.6	82.2	71.1	78.1	69.2	80.0	76.3	76.6	73.1	74.5
Stocks, end of month or year.....	76.2	95.7	101.3	124.9	148.8	150.2	153.7	156.0	137.4	137.9	120.1	100.6	76.2
Missouri:													
Production.....	669.8	65.7	75.8	73.1	69.8	65.5	71.4	45.3	40.2	34.5	37.0	47.6	43.9
Stocks, end of month or year.....	(D)	(D)	(D)	(D)	60.0	63.5	55.5	56.9	47.7	(D)	(D)	(D)	(D)
Ohio:													
Production.....	826.5	76.5	73.5	75.4	74.2	67.3	74.9	67.7	62.6	62.2	66.4	67.9	57.9
Stocks, end of month or year.....	13.4	15.3	26.4	28.3	27.9	32.3	25.5	30.3	24.5	(D)	18.2	10.1	13.4
South Carolina:													
Production.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stocks, end of month or year.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

(D) Data withheld to avoid disclosing figures for individual companies.

Table 78. PRODUCTION AND STOCKS OF SOYBEAN CAKE AND MEAL (20752 11), INCLUDING MILLFEED (20752 61) AND LECITHIN (20751 51) AT OIL MILLS, BY SELECTED STATES: OCTOBER 1987 TO SEPTEMBER 1988

State	1987/ 1988 total	1988											
		1987						1988					
		October	November	December	January	February	March	April	May	June	July	August	September
United States:	28,118.3	2,445.5	2,673.4	2,654.5	2,560.6	2,382.7	2,578.1	2,455.1	2,344.4	2,132.5	2,114.4	1,876.6	1,900.5
Production.....	153.5	267.6	311.8	296.2	390.4	304.9	243.7	299.5	255.6	294.4	437.4	264.6	153.5
Stocks, end of month or year.....													
Arkansas:													
Production.....	(D)	78.2	95.4	99.1	104.1	89.8	97.2	90.8	92.7	89.4	89.3	78.2	(D)
Stocks, end of month or year.....	(D)	10.3	9.6	8.5	17.3	9.0	5.1	6.1	(D)	6.7	(D)	10.2	(D)
Georgia:													
Production.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stocks, end of month or year.....	(D)	(D)	11.7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Illinois:													
Production.....	5,572.9	484.1	545.4	544.7	497.8	488.8	533.9	515.6	457.2	407.5	423.3	287.5	387.1
Stocks, end of month or year.....	35.5	64.2	59.5	86.7	76.0	41.4	40.8	55.0	58.0	81.9	159.5	77.3	35.5
Indiana:													
Production.....	(D)	(D)	174.8	172.5	169.9	152.9	168.8	161.1	131.8	133.8	127.2	(D)	124.2
Stocks, end of month or year.....	7.1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7.1
Iowa:													
Production.....	4,498.1	409.2	436.1	435.3	413.5	367.0	392.5	376.4	352.7	352.3	310.0	329.8	323.3
Stocks, end of month or year.....	19.8	35.6	45.7	26.0	43.9	36.0	22.4	25.6	26.1	28.1	37.6	21.3	19.8
Kansas:													
Production.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	98.9	106.6	98.2	93.1	(D)	68.2
Stocks, end of month or year.....	6.6	(D)	(D)	(D)	(D)	(D)	(D)	9.1	8.9	8.0	(D)	8.1	6.6
Minnesota:													
Production.....	1,965.2	171.1	163.2	173.7	176.3	154.1	171.1	151.3	169.1	160.2	161.4	159.5	154.2
Stocks, end of month or year.....	10.1	14.6	16.5	18.7	26.9	18.0	12.6	(D)	14.4	16.0	24.5	16.7	10.1
Missouri:													
Production.....	1,419.6	141.0	164.1	156.6	147.2	137.5	149.6	97.2	84.3	72.1	78.7	100.1	91.2
Stocks, end of month or year.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ohio:													
Production.....	1,801.9	165.0	161.5	165.6	162.5	153.5	163.4	146.8	135.7	133.8	142.2	146.3	125.6
Stocks, end of month or year.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
South Carolina:													
Production.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stocks, end of month or year.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

(D) Data withheld to avoid disclosing figures for individual companies.

Table 8. DOMESTIC PRODUCTION, EXPORTS, IMPORTS AND APPARENT CONSUMPTION OF SELECTED CRUDE OILS: 1987/1988 CROP YEAR

(Quantity in million pounds; value in million dollars)

Product code	Product description	Manufacturers' production	Export of domestic merchandise ¹	Percent exports to manufacturers' production	Imports for consumption ²	Apparent consumption ³
20751 11	Soybean crude oil.....	12,974.5	1,626.4	12.5	356.6	11,704.7
20741 11	Cottonseed crude oil....	1,203.7	23.7	2.0	25.5	1,205.5
20762 52	Peanut crude oil.....	144.6	4.7	3.3	37.1	177.0
20761 11	Linseed crude oil.....	(D)	2.8	(D)	0.5	(D)
20460 61	Corn crude oil.....	1,435.3	267.7	18.7	2.2	1,169.8

Note: Comparison of SIC codes (domestic output), Schedule B export numbers, and TSUSA import numbers is as follows:

<u>Domestic output</u>	<u>Exports</u>	<u>Imports</u>
20751 11	176.5220	176.5200
20741 11	176.1820	176.1800
20762 52	176.3820	176.3800
20761 11	176.2520	176.2600
20460 61	176.0320	176.1600

(D) Data withheld to avoid disclosing figures for individual companies.

¹Source: Bureau of the Census report EM 546, U.S. Exports.²Source: Bureau of the Census report IM 146, U.S. Imports for Consumption.³Apparent consumption represents new domestic supply and is derived by subtracting exports from the sum of production plus imports.

Table 9. SEASONAL ADJUSTMENT FACTORS FOR CROP YEAR 1988 TO 1989 (ONE YEAR AHEAD)

(Percent)

Item	1988			1989								
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
Crude soybean oil production.....	107.8	112.2	113.5	110.2	96.1	105.4	98.1	98.7	91.9	93.6	86.7	85.5
Crude cottonseed oil production..	97.9	129.0	137.7	149.4	130.9	125.1	103.1	87.0	70.0	53.6	59.9	56.6
Crude corn oil production.....	104.5	99.4	94.7	93.3	90.8	101.9	98.6	106.9	101.8	101.9	103.5	99.3

DESCRIPTION OF SURVEY

Scope of Survey. This survey covers all plants in the United States that crush vegetable oil-bearing materials (oilseeds, beans, nuts, etc.). Only primary processors are included in this survey. Plants that only refine or further process crude vegetable oils are excluded.

Survey Methodology. The data shown in this publication were collected by mail on Bureau of the Census monthly Form M20J, Oilseeds, Beans, and Nuts (Primary Processors), from a sample of about 200 establishments. Approximately 190 of these establishments are included in the monthly mail panel. An additional 10 small crushers report data annually. Monthly data for these small crushers are estimated based on their annual reports and trends reported by those in the monthly panel.

Survey Error. Figures for the current month may include estimates for panel members for which reports were not received in time for tabulation. Such missing figures are "imputed" based on month-to-month movements shown by reporting firms. Imputation generally is limited to a maximum of 5 percent for any one data cell. Figures with imputation rates greater than 5 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The range of difference between the actual and imputed figures is not precisely known, but is assumed to be small. The degree of uncertainty regarding the accuracy of the published data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

Revisions to Previous Period Data. Statistics for previous months may be revised as the result of corrected data from respondents, including the receipt of late reports for which imputations were made as described above. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

Reporting Period Adjustment. The data are adjusted for the number of working days in the reporting period to compensate for differences in individual company reporting patterns, i.e., calendar month, 4-week, 5-week periods. Since the calendar month accounting system prevails in this industry, adjustments have been made to those reporting on other than a calendar month basis.

Seasonal Adjustment. This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II

Seasonal Adjustment Program. This seasonal adjustment program is a ratio-to-moving average method. The seasonal adjustment program largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal patterns than do the unadjusted (original) data.

EXPLANATION OF TERMS

Net Receipts at Mills (Current Month). Figures under this heading are derived by subtracting stocks held at the end of the previous month from the sum of materials crushed during the current month and stocks held at the end of the current month.

Shipments and Transfers (Current Month). Figures under this heading are derived by subtracting stocks held at the end of the current month from the sum of stocks held at the end of the previous month and production during the current month.

Linters. The fuzz or short fibers that adhere to cottonseed after ginning.

Hulls. The outer covering of cottonseeds or soybeans.

Cake and Meal. The residue left after the oil is extracted from a seed, nut, or kernel.

Crude Vegetable Oils. Oil until it has been processed by an alkali or caustic wash or by some equivalent operation.

Lecithin. A mixed phosphatide product obtained from soybean oil in the degumming process.

COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Also, there are a substantial number of imported commodities which have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to the problems mentioned above, there are also the following problems affecting the comparability of the three sets of data.

Valuation. There are different methods of valuation for the three types of data:

- **Domestic Output.** Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.
- **Exports.** Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.
Estimated producers' values of exports have also been developed. These values more closely approximate the values reported for domestic output because they exclude freight, insurance, and other charges applied from the producing plant to the export point.
- **Imports.** Valued at the first port of entry in the United States. It includes c.i.f. (cost, insurance, and freight), duty, and other charges to the import point.

Duplication in Quantity and Value of Output. Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

Low-Value Export and Import Transactions. Detailed commodity information is not included for individual export shipments valued at not more than \$1,500. Generally, detailed commodity information is not included for individual import shipments valued at not more than \$1,000. For textiles and textile products, gloves, footwear, and miscellaneous rubber and plastics products, detailed commodity information is not included for individual import shipments valued at not more than \$250. This is believed to have only negligible effects on the statistics for the bulk of the commodities.

Manufacturers' Shipments, Not Specified by Kind. The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

Time Lag Between Output and Exports. There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

"Direct" vs "Total" Commodity Exports and Imports.

Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

Used Commodities. With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

Geographic Area of Coverage. Import and export data reflect the movement of merchandise into and out of U.S. foreign trade zones, the U.S. Virgin Islands, and the U.S. customs territory (includes the 50 states, the District of Columbia, and Puerto Rico).

HISTORICAL NOTES

Historical data may be obtained from Current Industrial Reports available at your local Federal Depository Library. A list of these libraries may be obtained from the Bureau of the Census regional offices:

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A monthly Current Industrial Report also is published in this series. The Bureau of the Census also publishes the following related reports:

Series	Frequency	Title
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FT 446	Annually				
IM 146	Monthly	<i>U.S. Imports for Consumption—TSUSA—Commodity by Country</i>			
FT 246	Annually				

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